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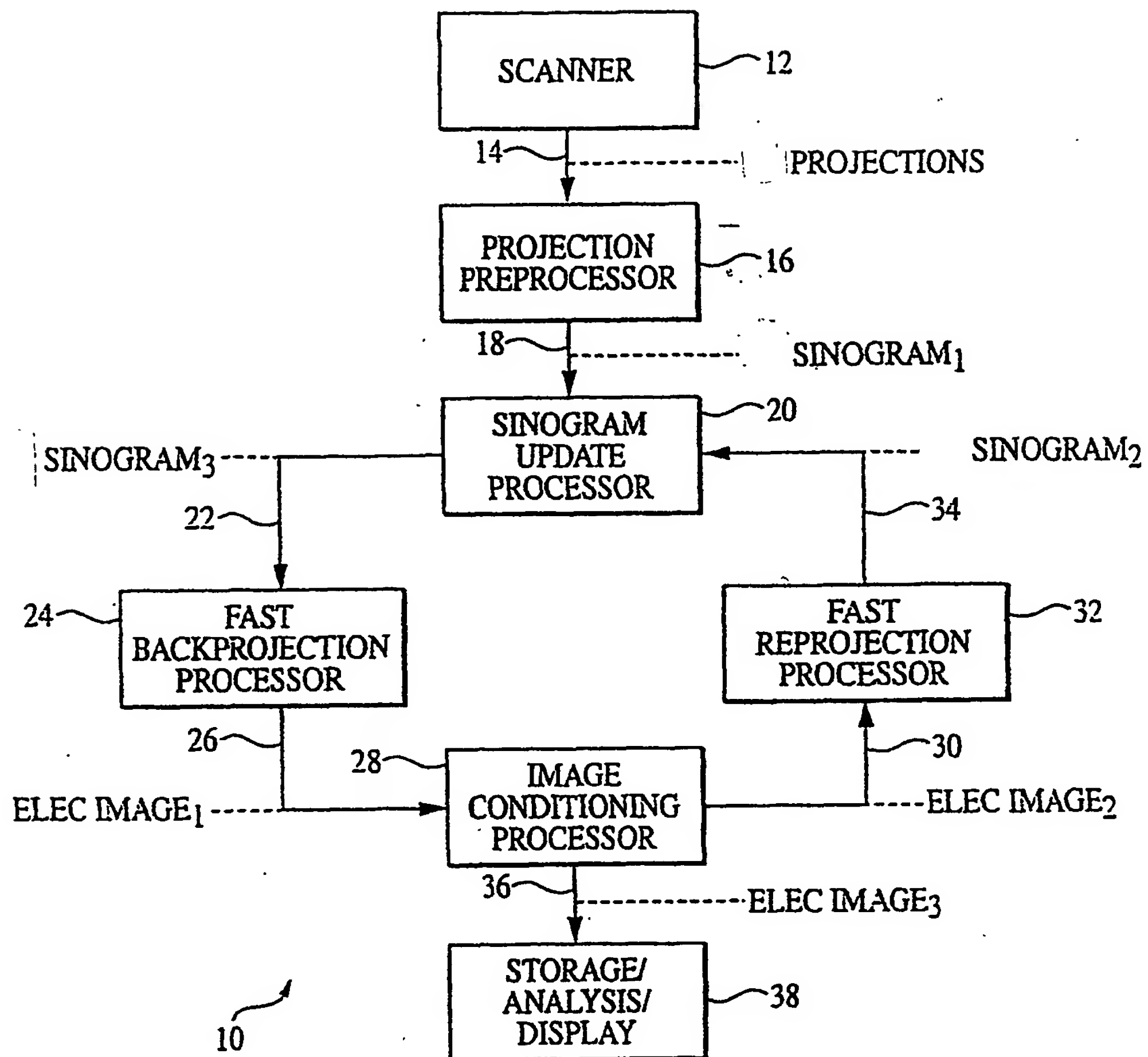


FIG. 1

FIG. 2A

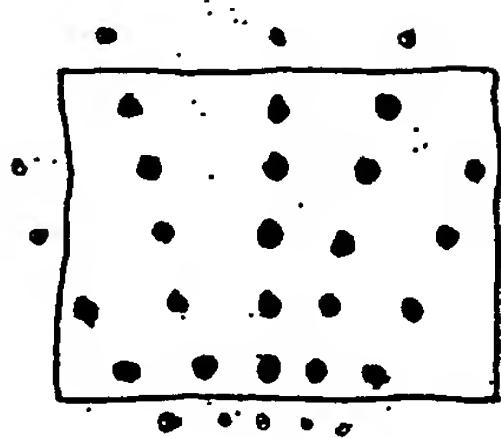


FIG. 2B

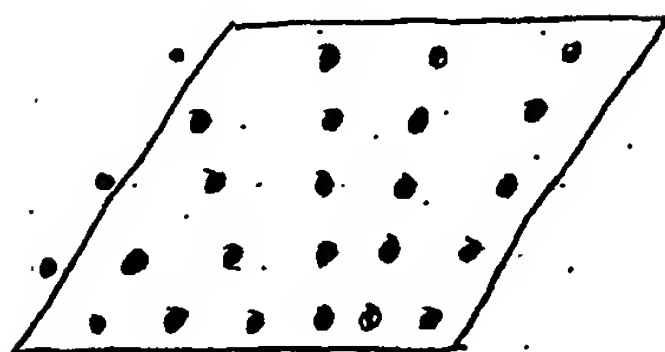
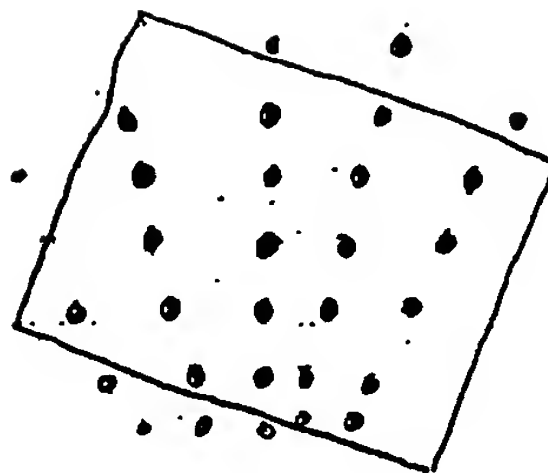


FIG. 2C

FIG. 3A

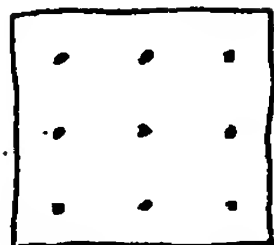


FIG. 3B

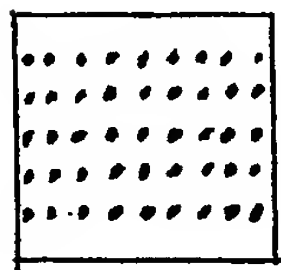
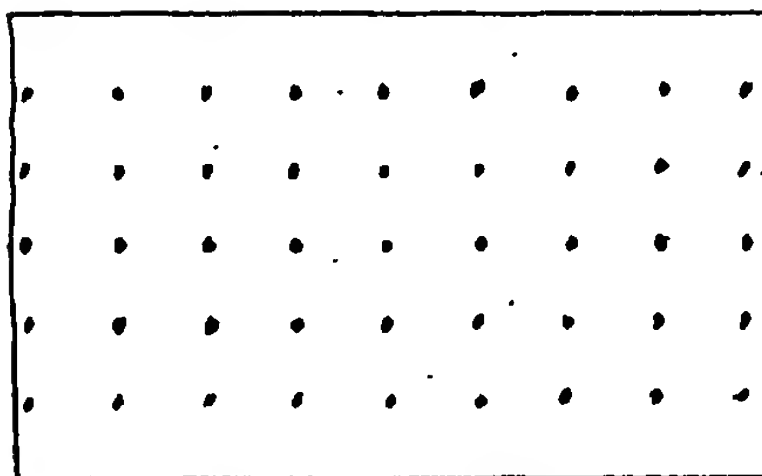
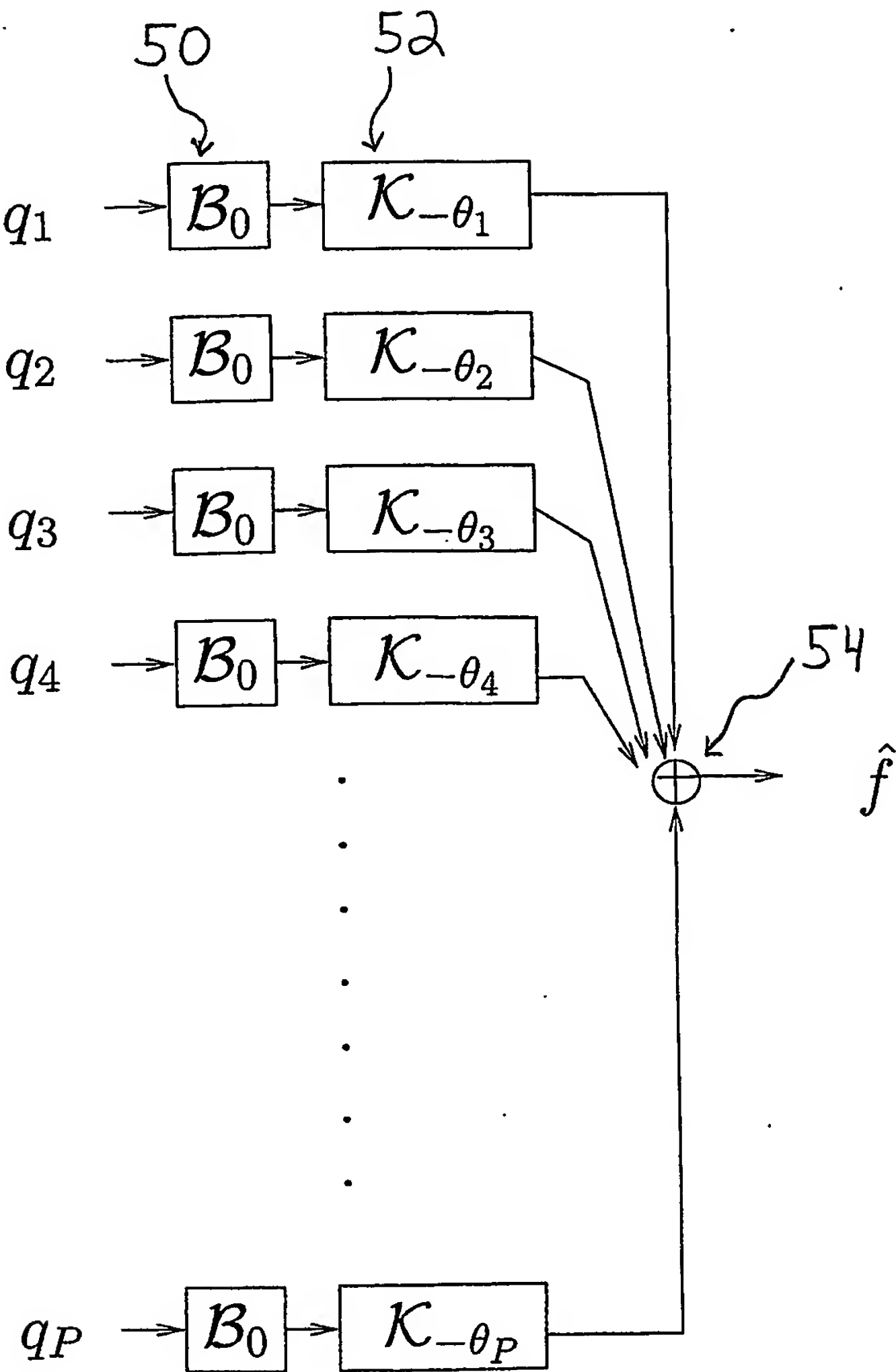


FIG. 3C



PRIOR ART

FIG. 4

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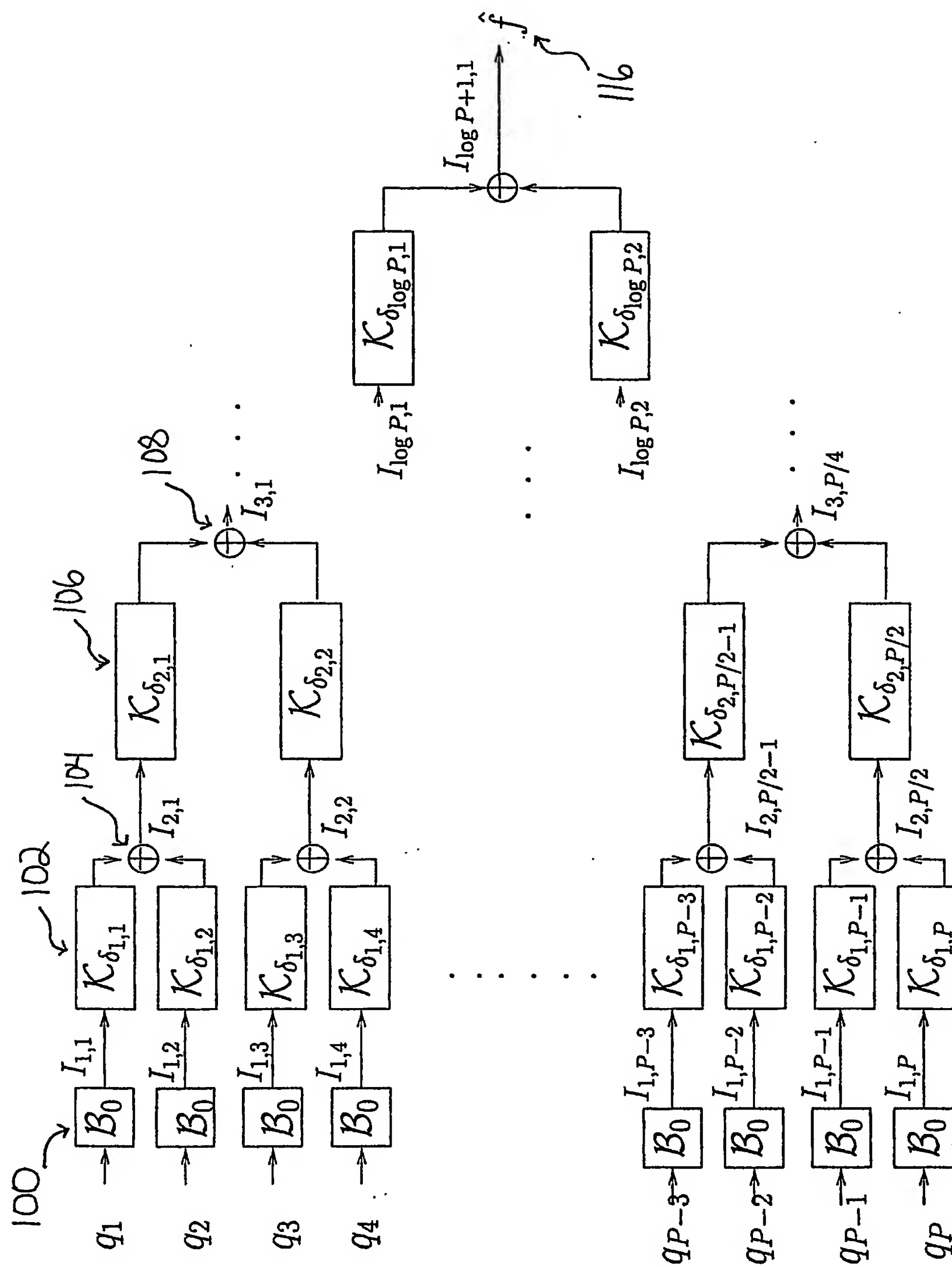


FIG. 5A

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FIG. 5B

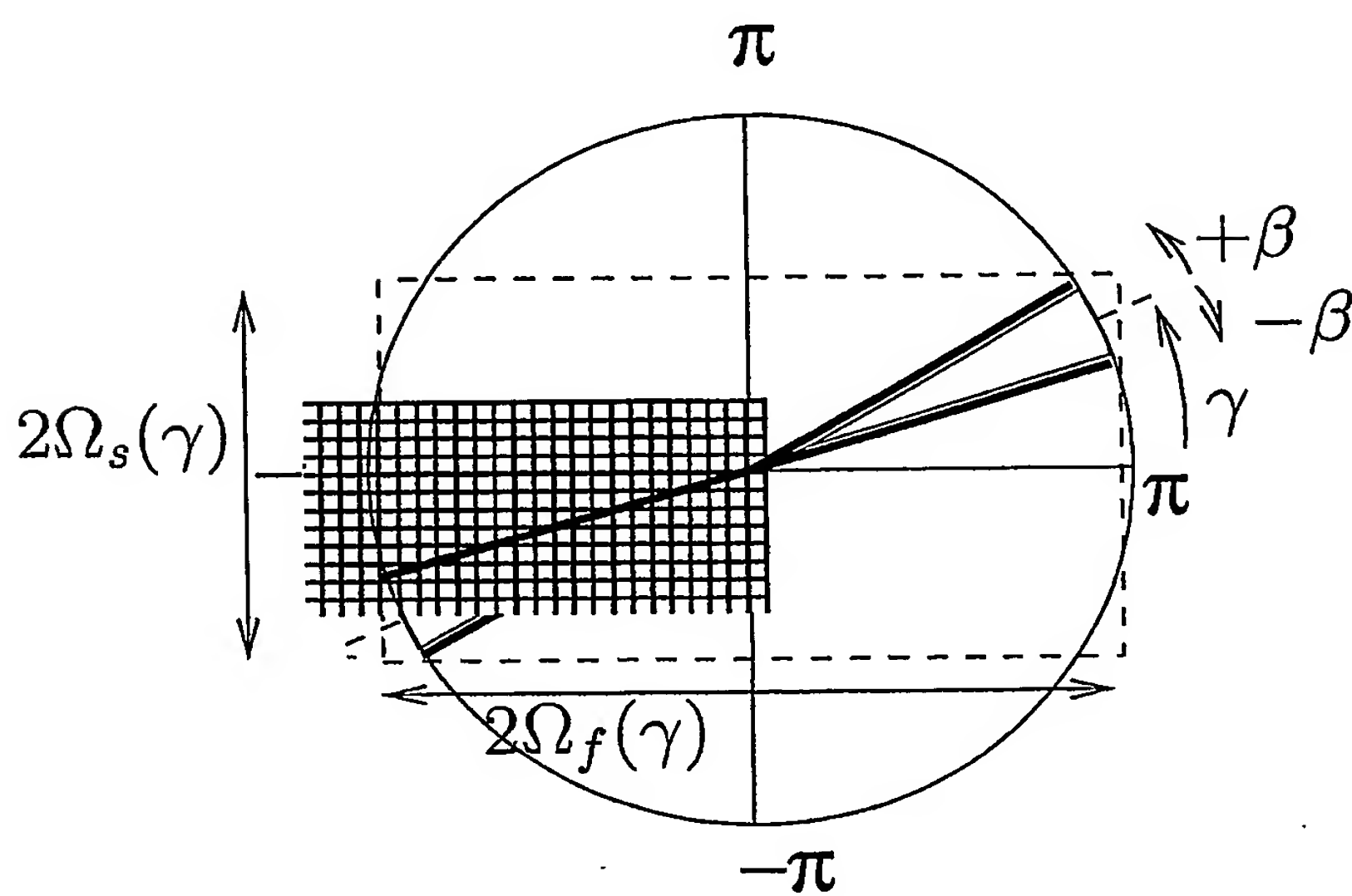
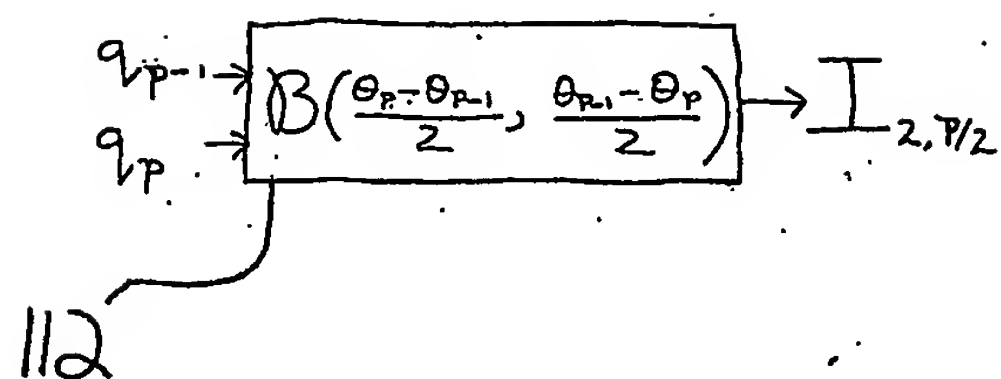
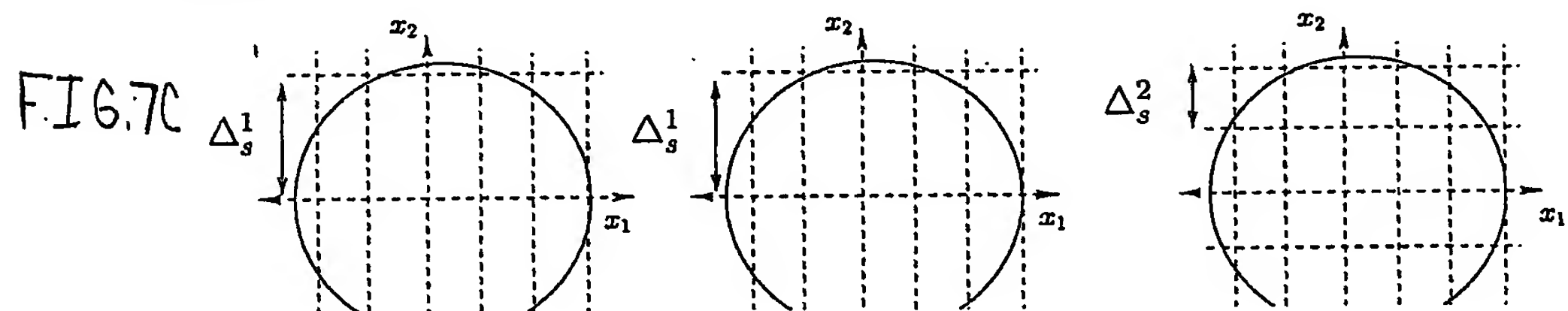
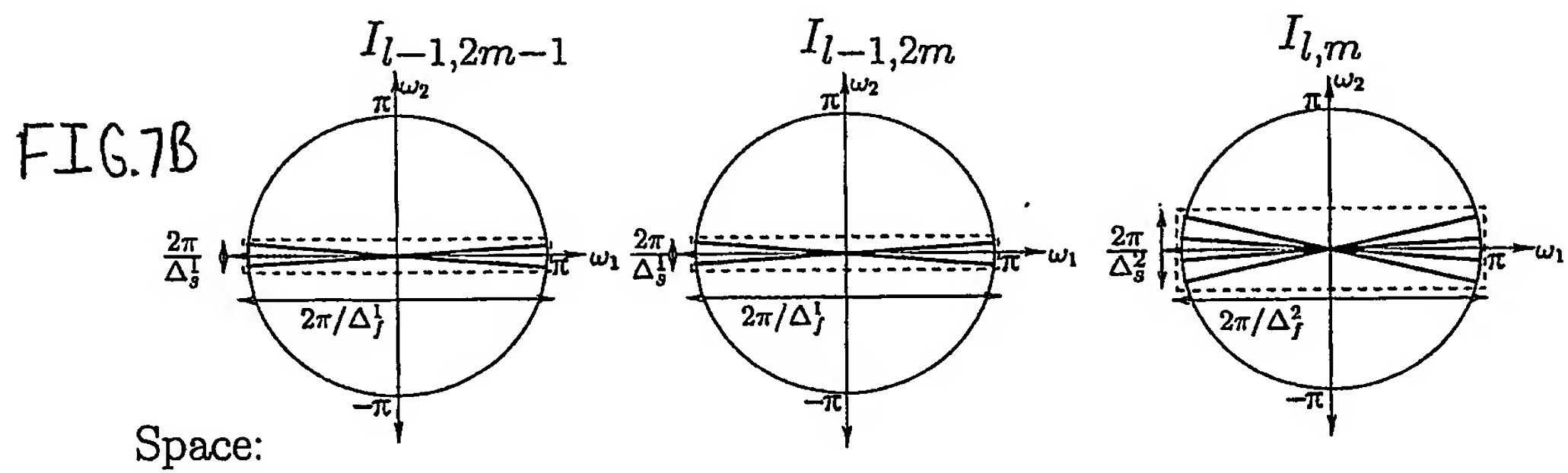
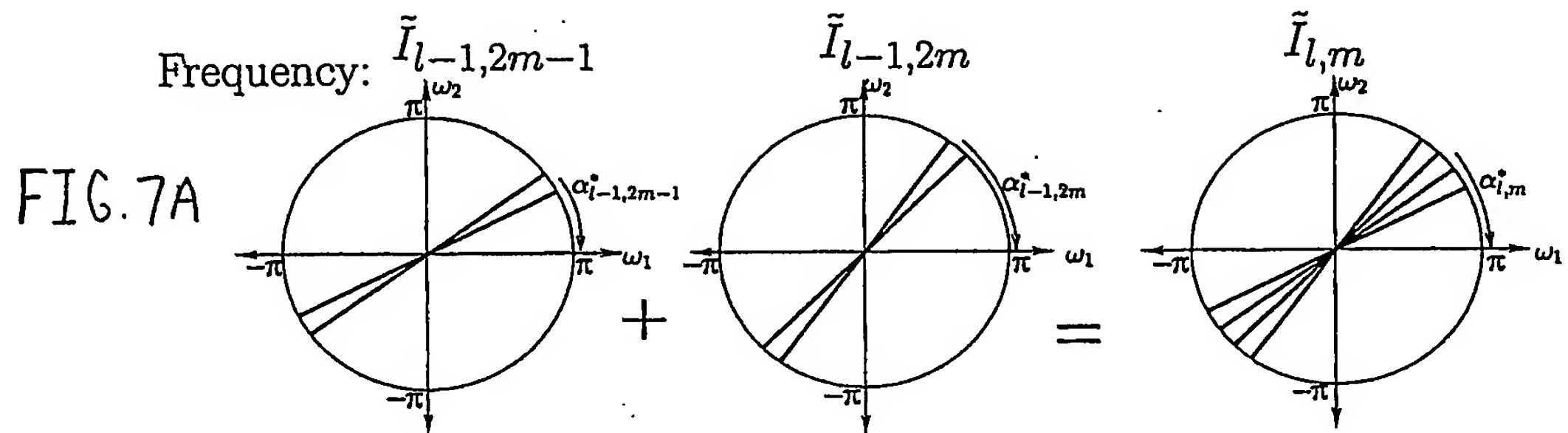


FIG. 6



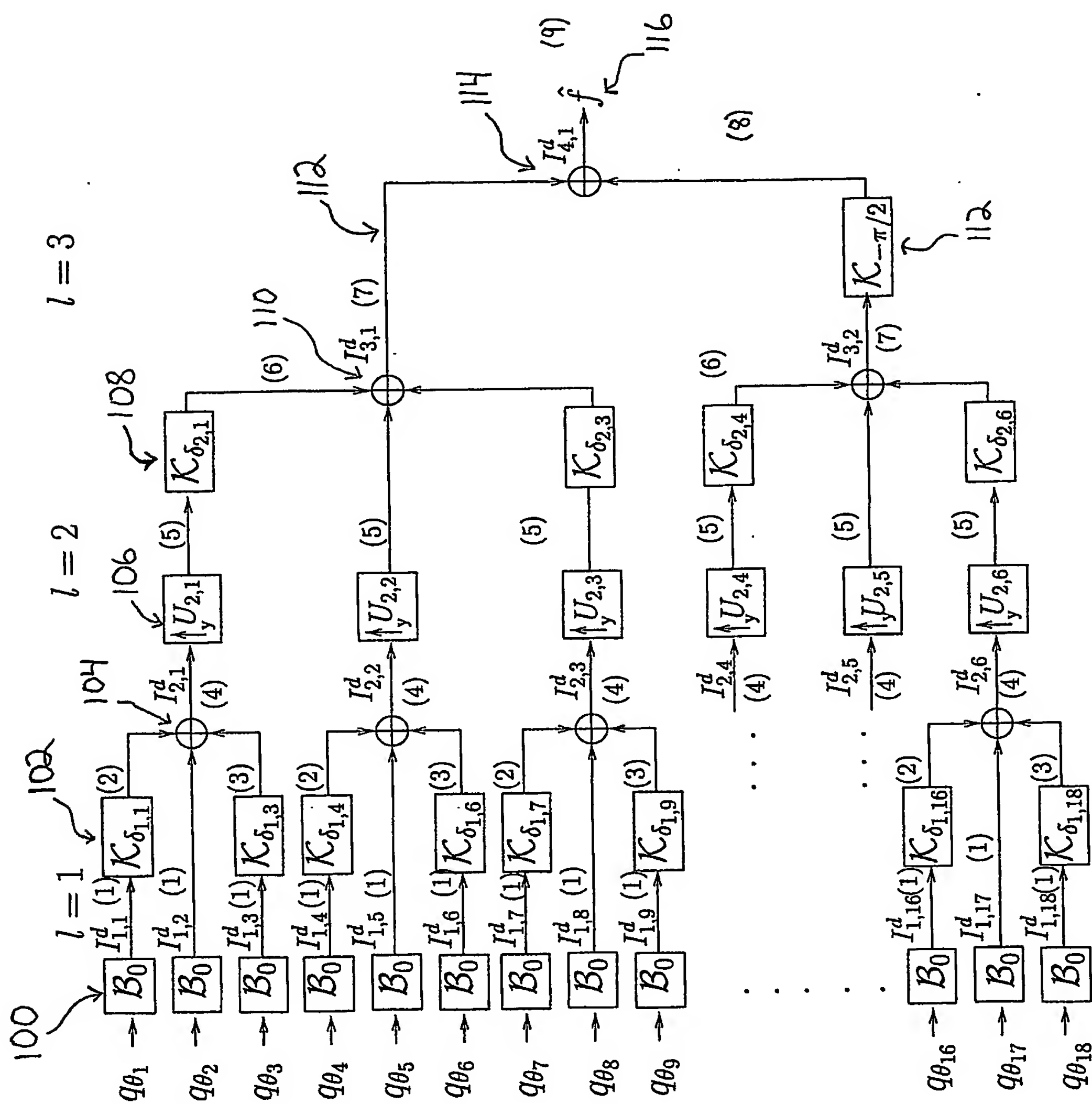


FIG. 8

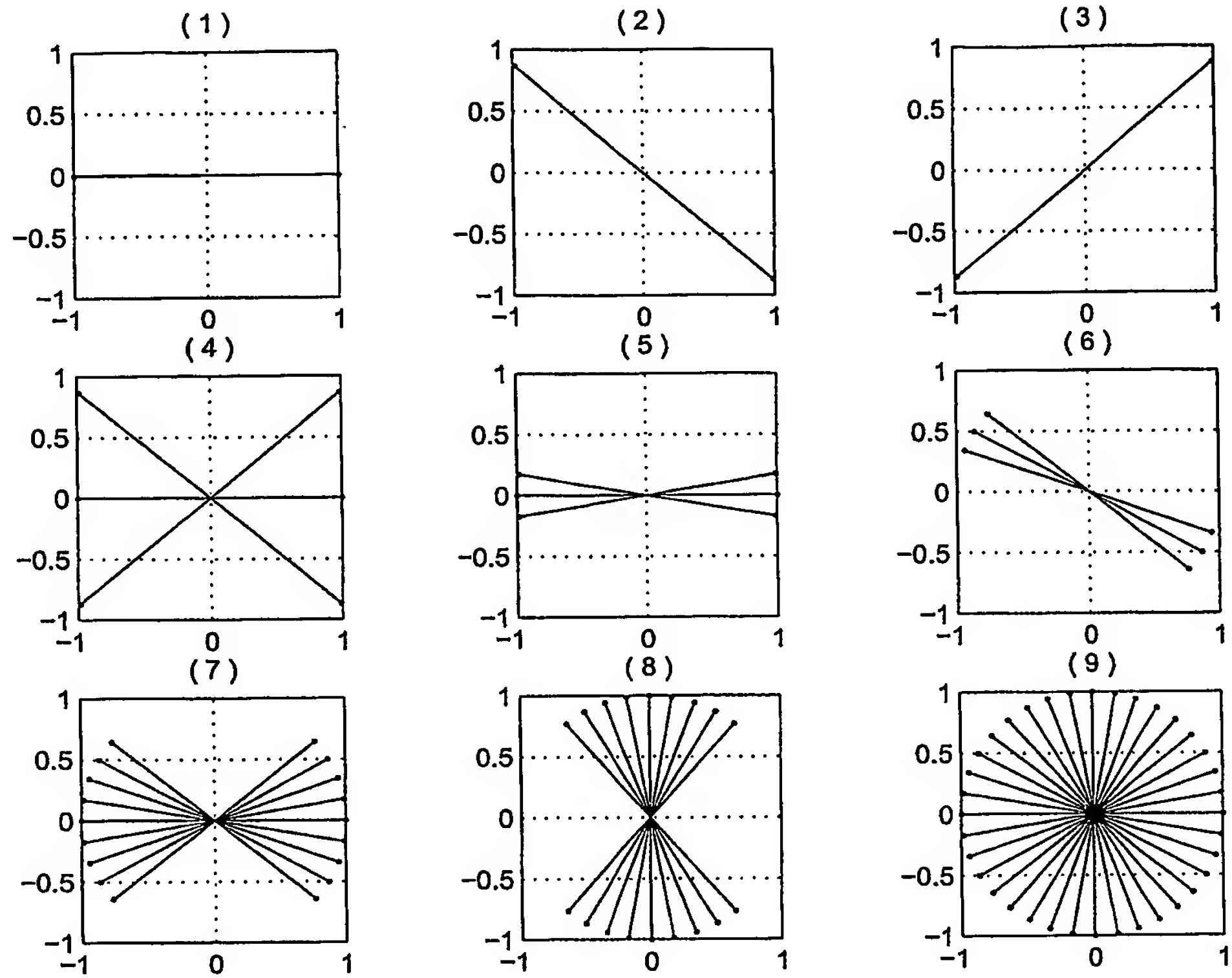


FIG. 9

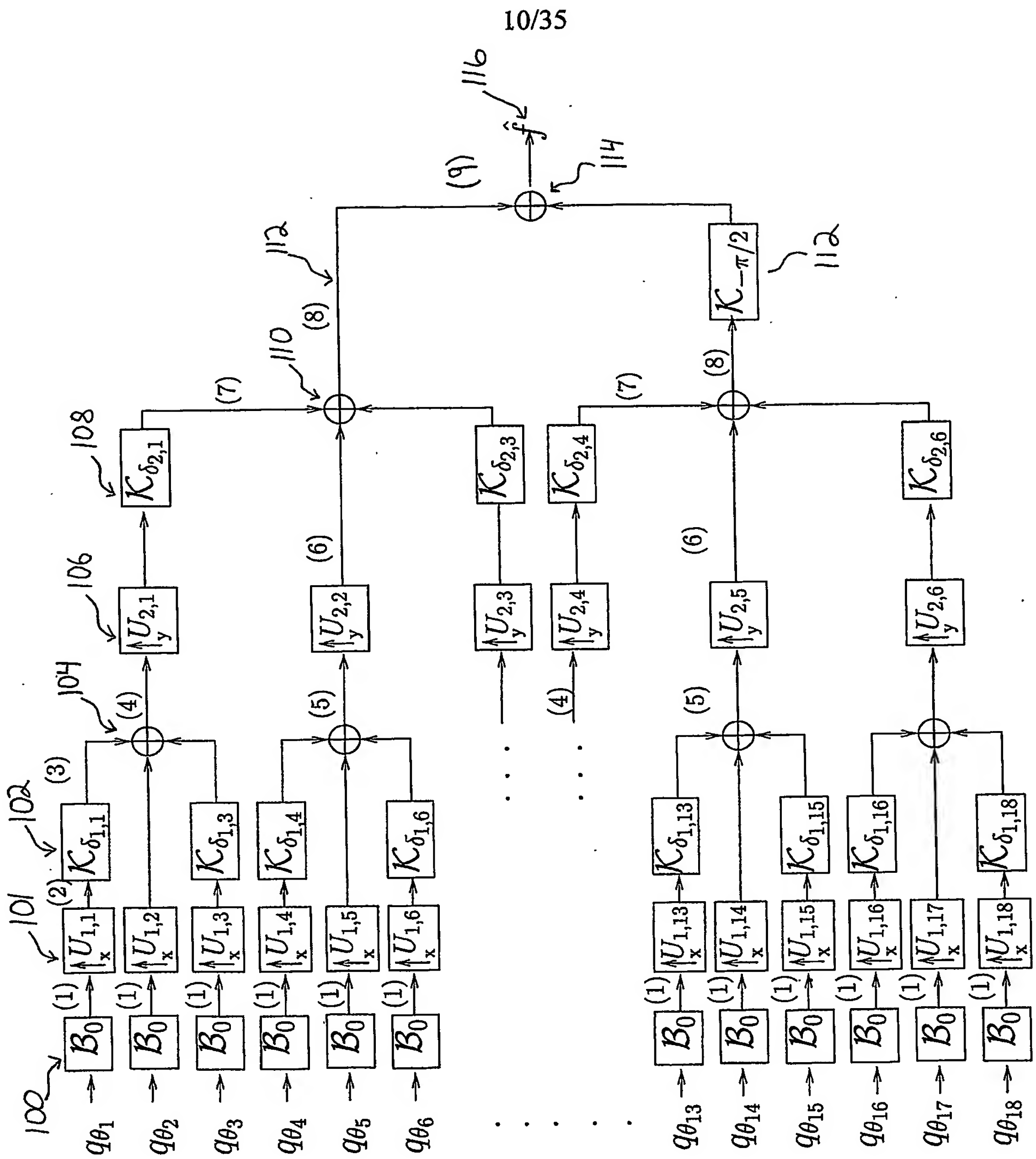


FIG. 10A

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FIG. 10B

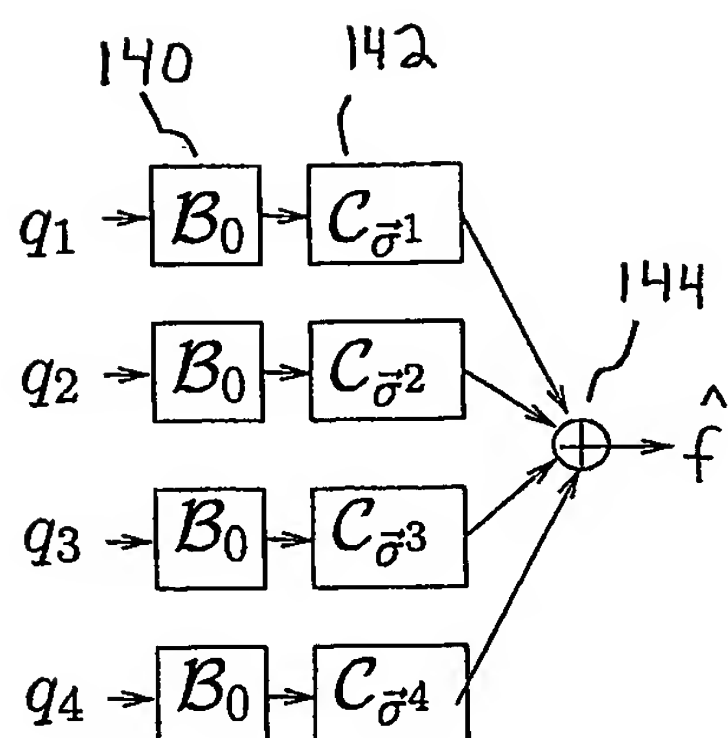
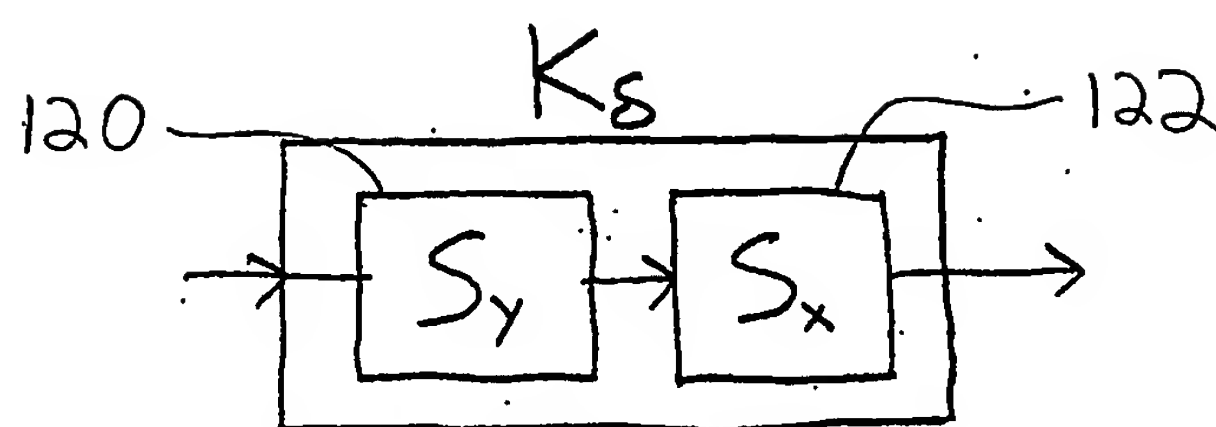


FIG. 11A

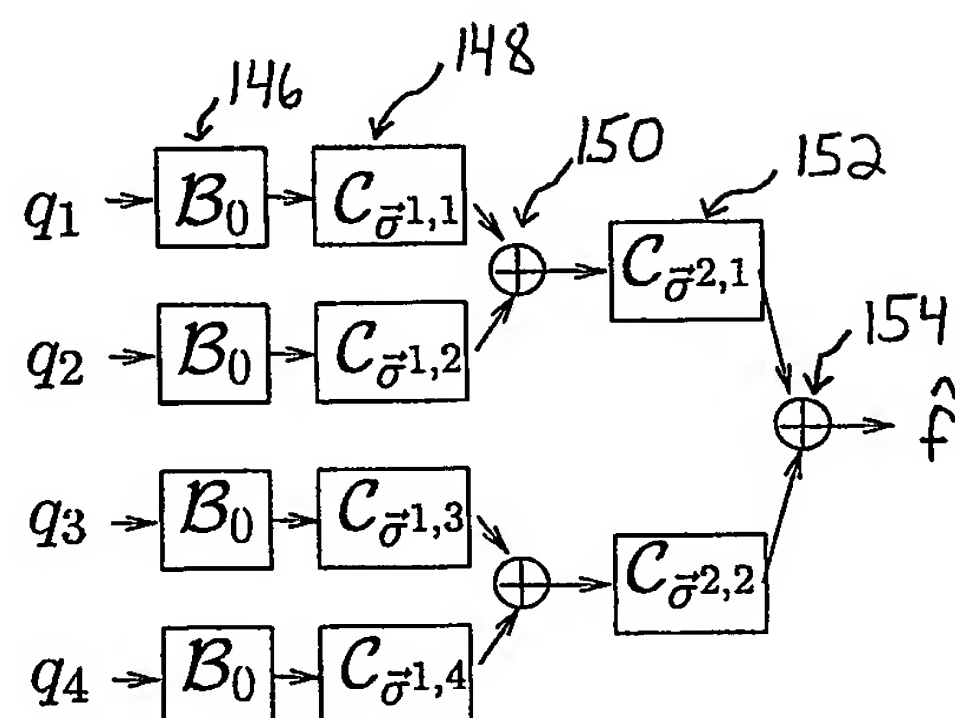


FIG. 11B

FIG. 12A

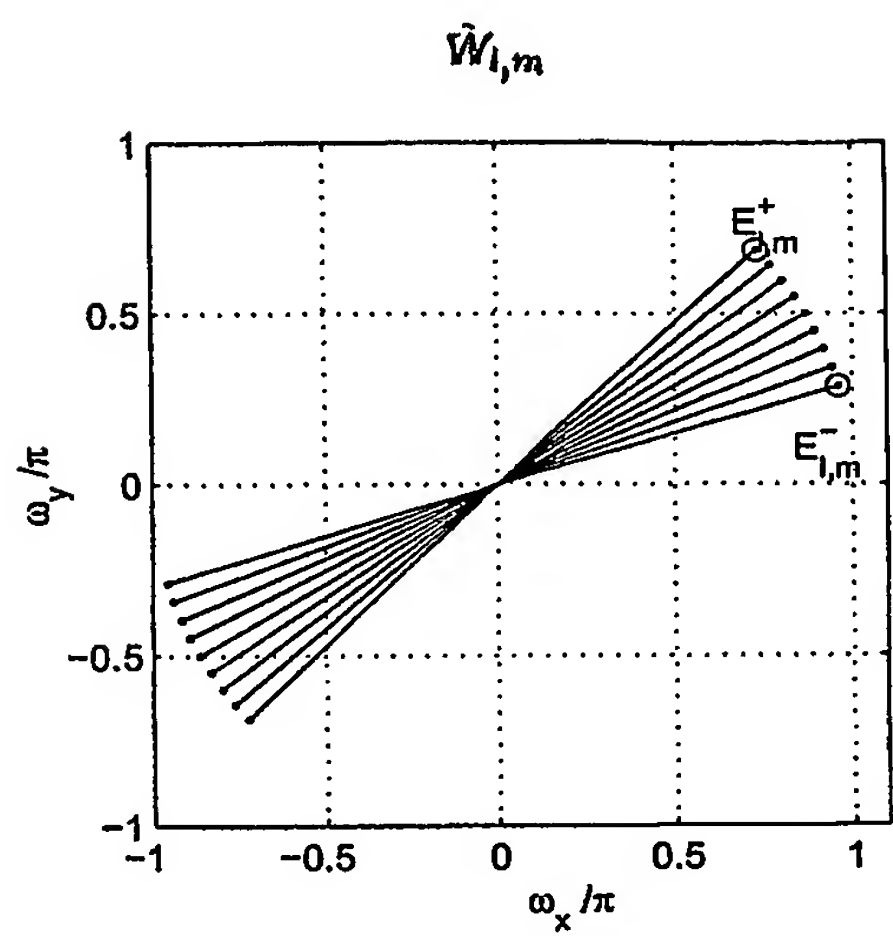
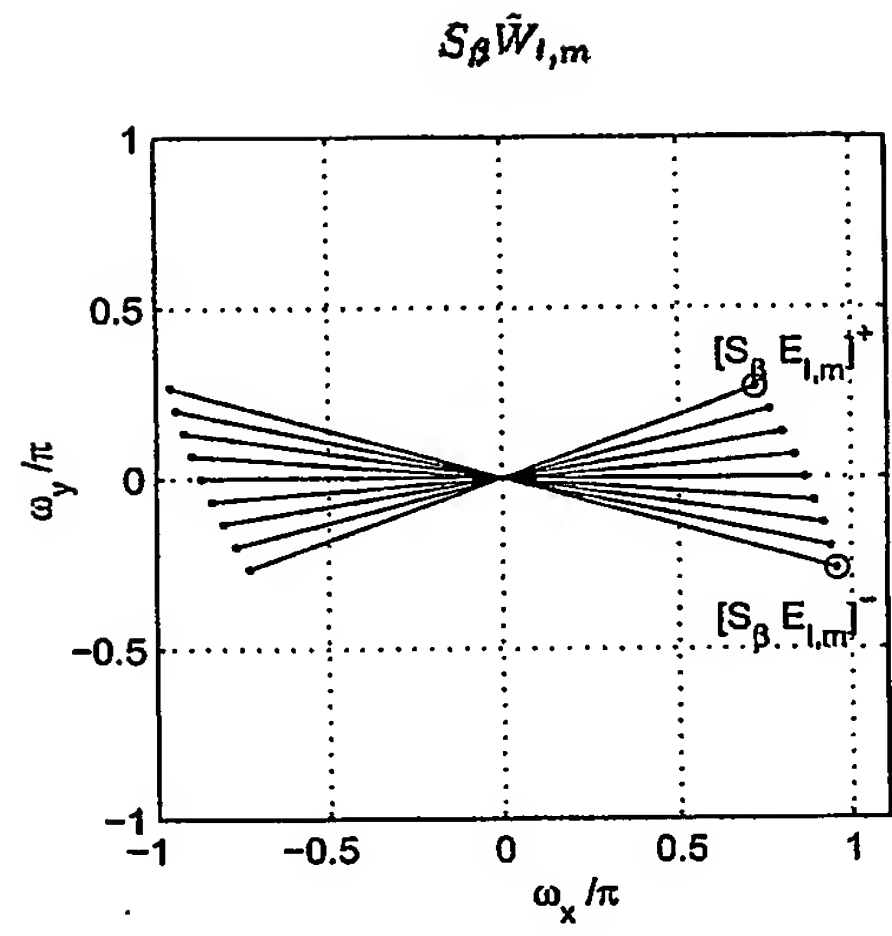


FIG. 12B



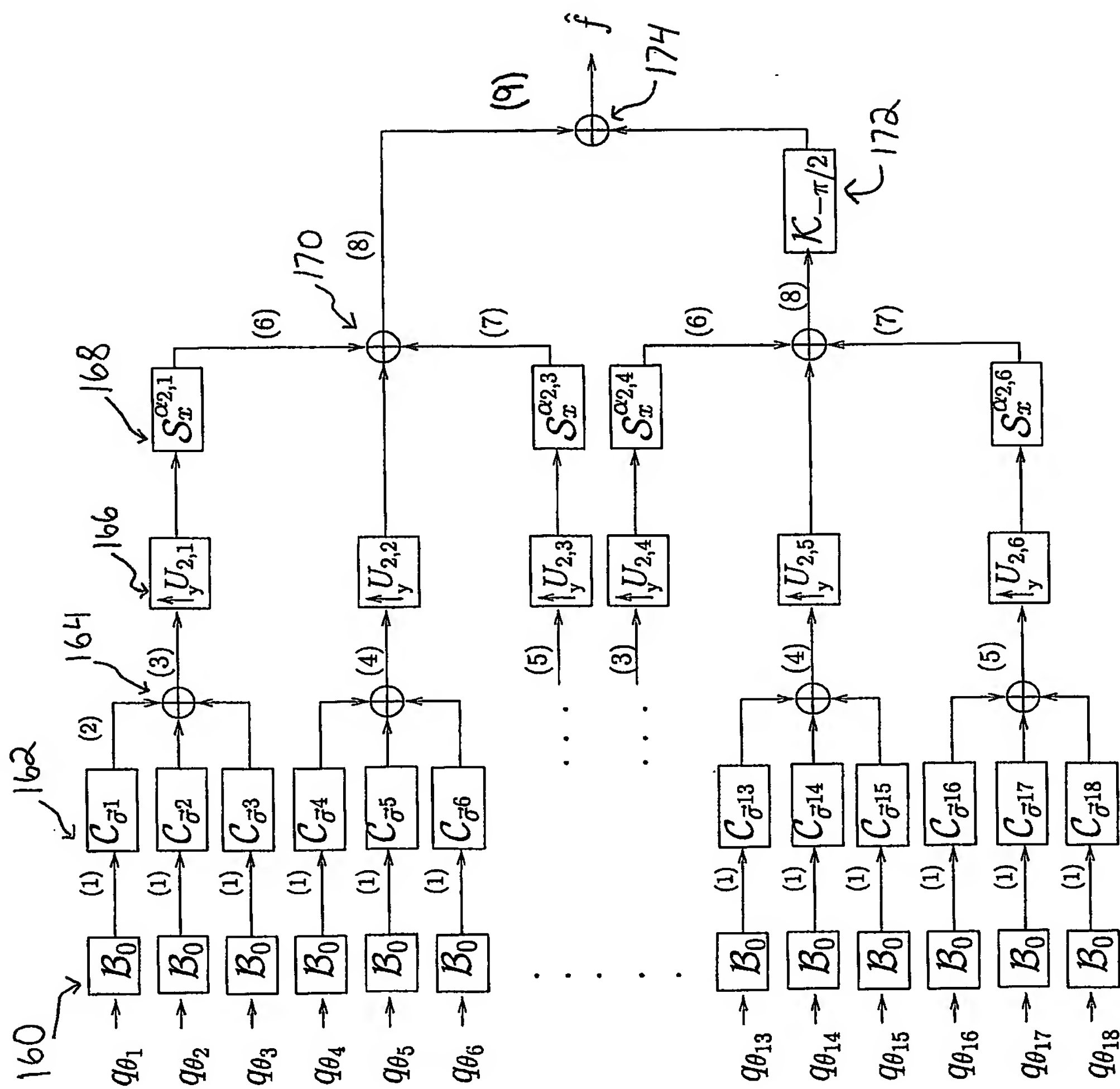


FIG. 13

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<p> $\text{FINDALPHAS}(E_{L+1,1}, E_{L+1,2})$: for $l \leftarrow L$ downto 2 for $m \leftarrow 1$ to $6 \cdot 3^{L-l}$ for $i \in \{0, 2\}$ $\alpha_{l,3m-i}^* = -\frac{(E_{l+1,m}^i)^+ + (E_{l+1,m}^i)^-}{(E_{l+1,m}^i)^+ + (E_{l+1,m}^i)^-}$ $E_{l,3m-i} = S(-\alpha_{l,3m-i})E_{l,3m-i}^i$ </p>
--

FIG. 14

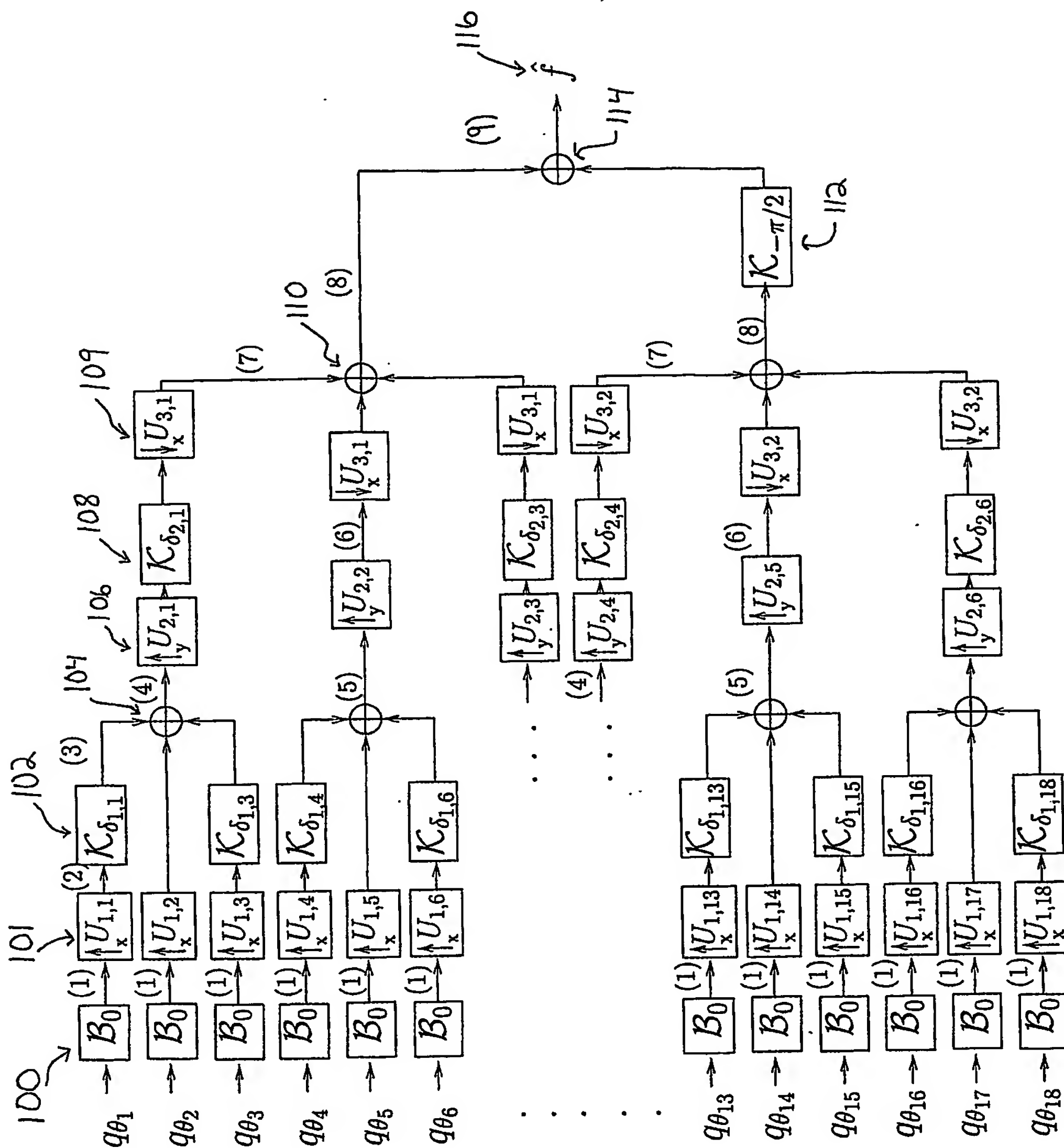


FIG. 15

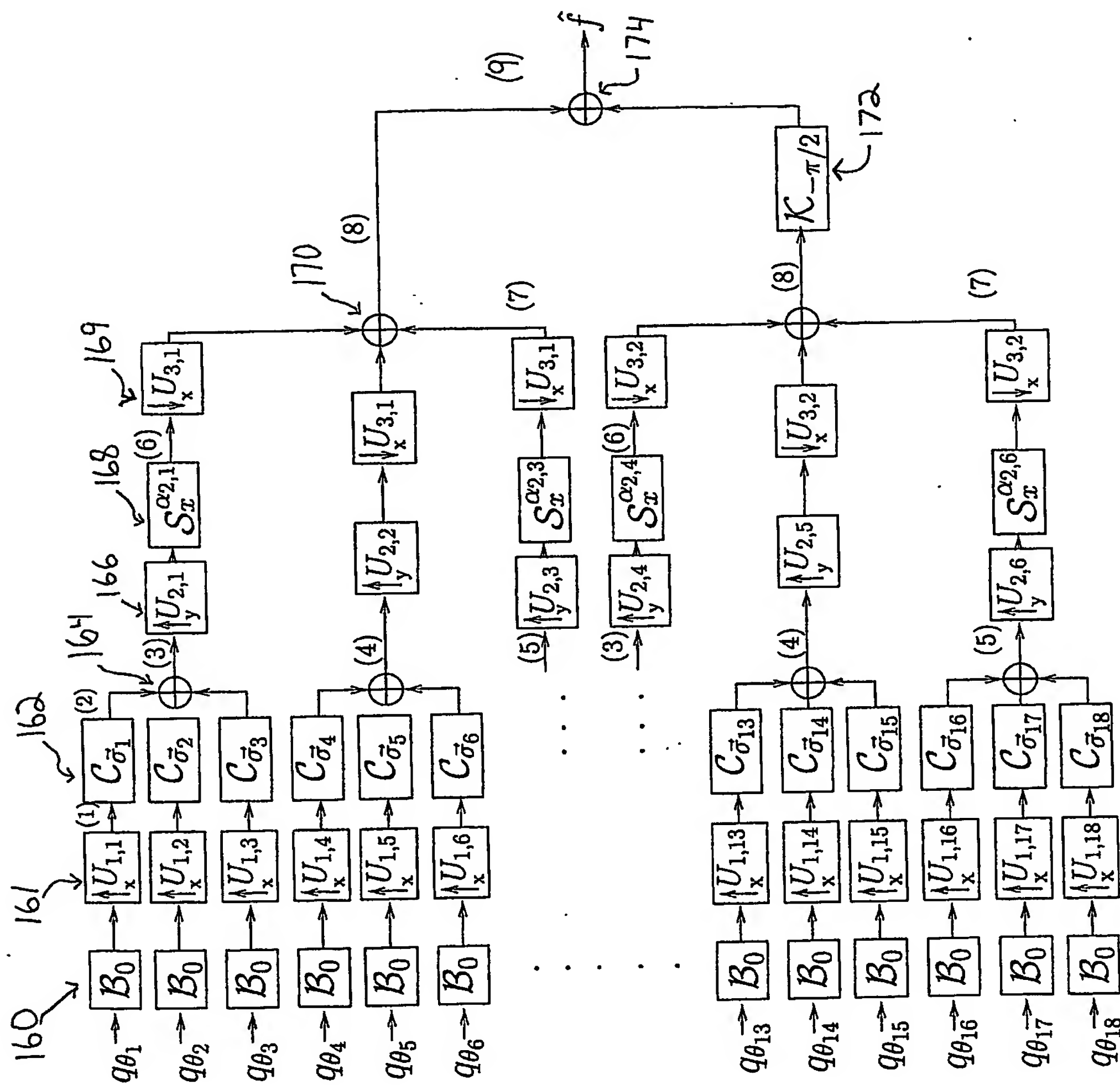
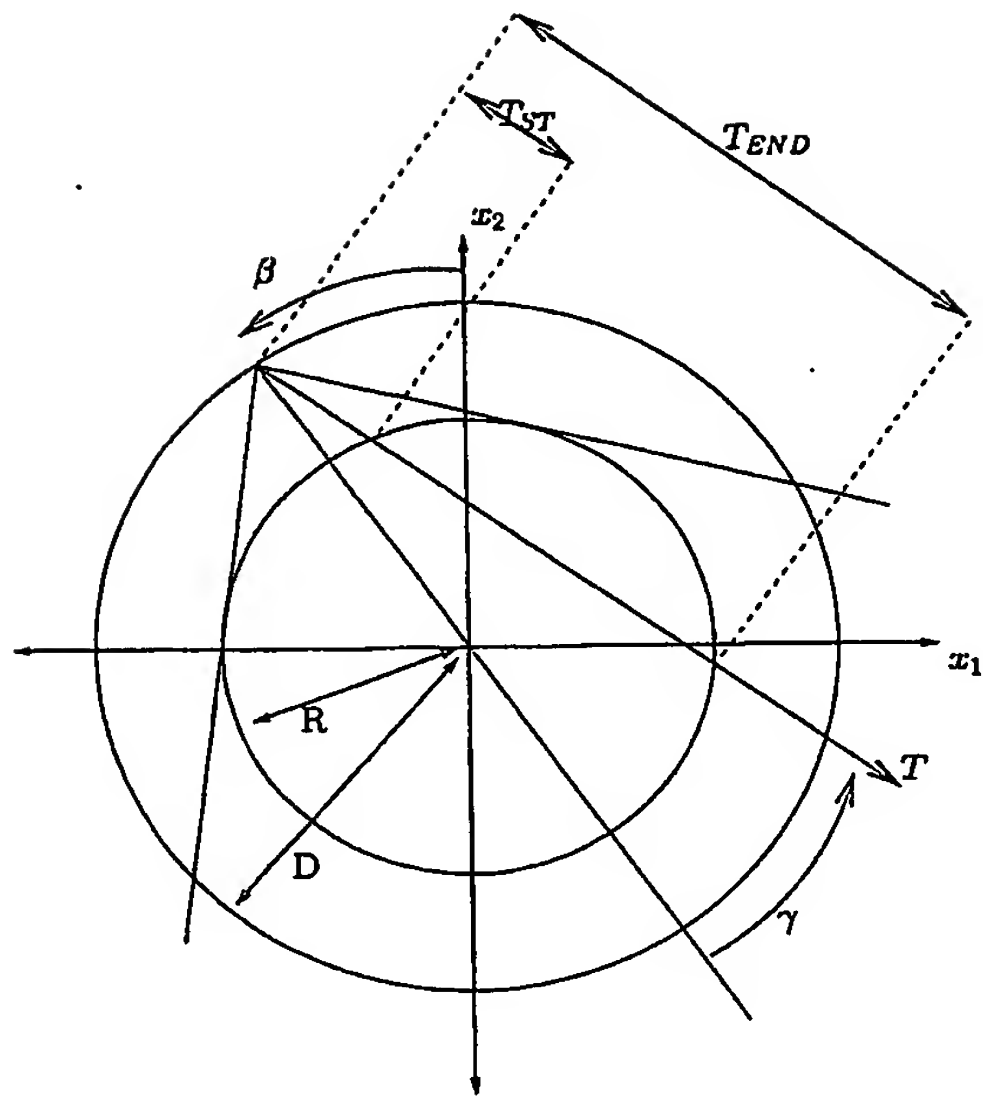


FIG. 16

FIG. 17



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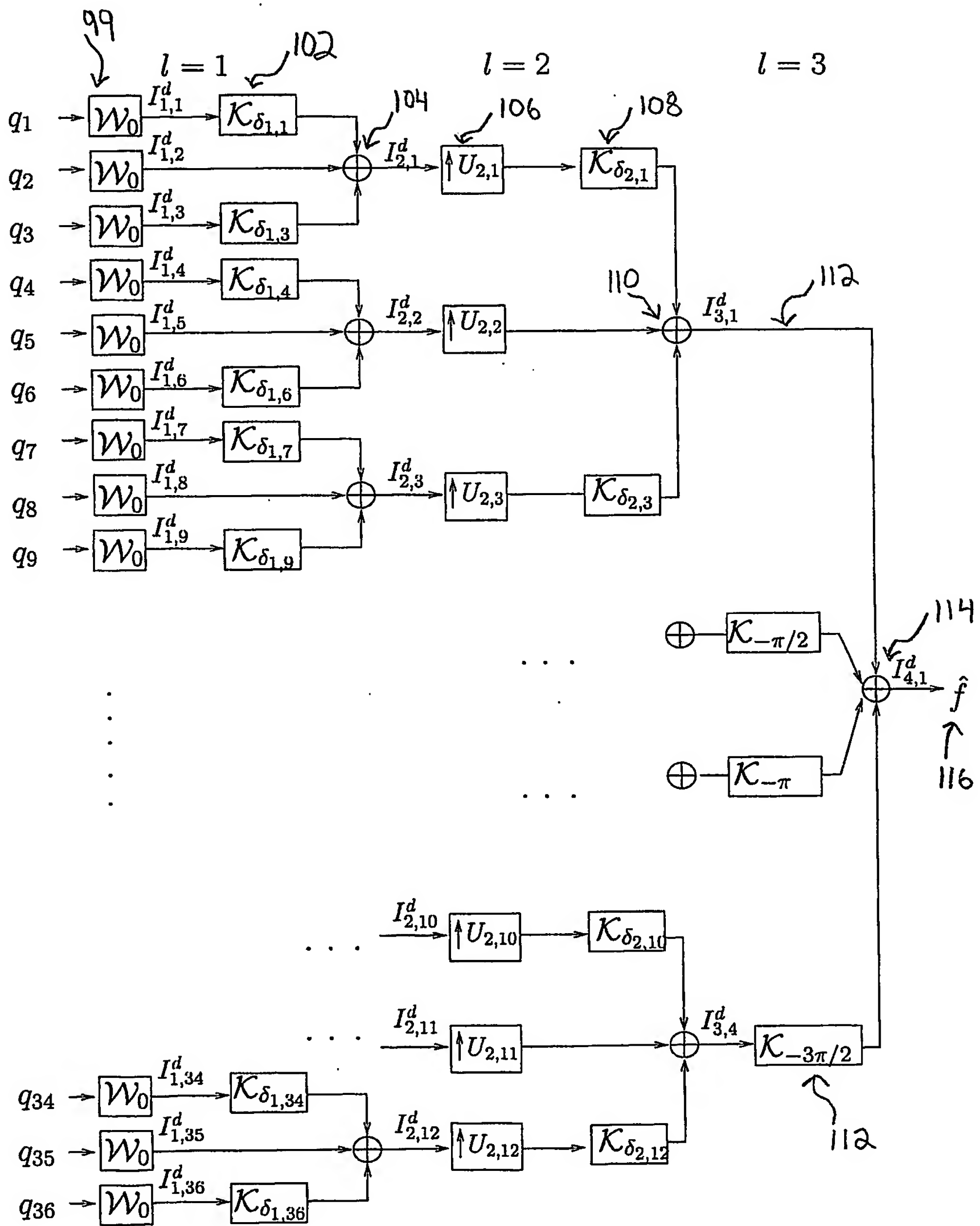


FIG. 18

FIG. 19

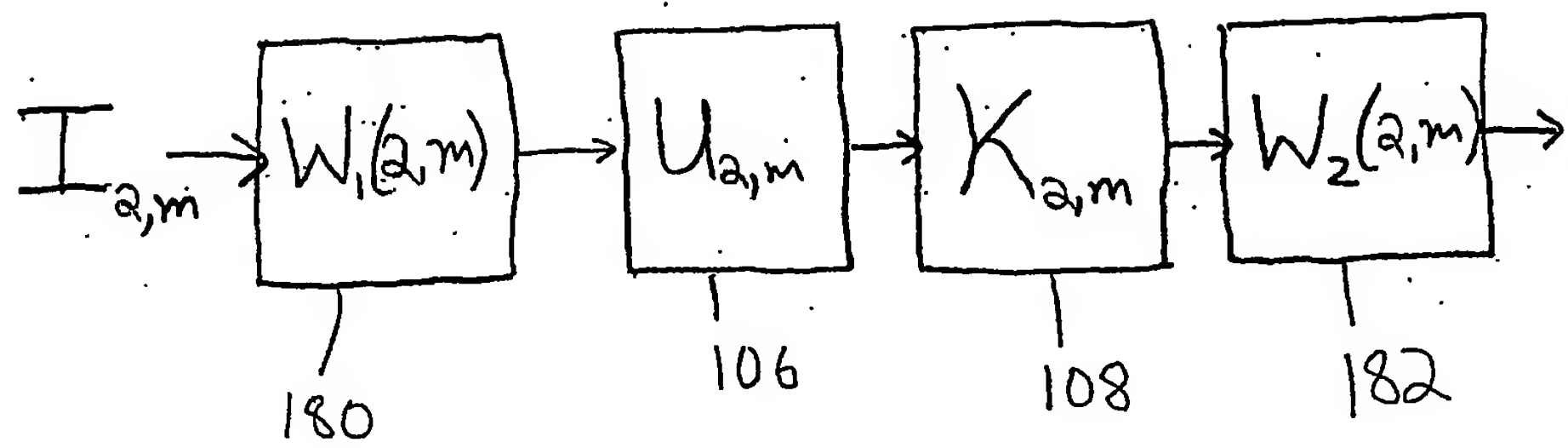


FIG. 20A

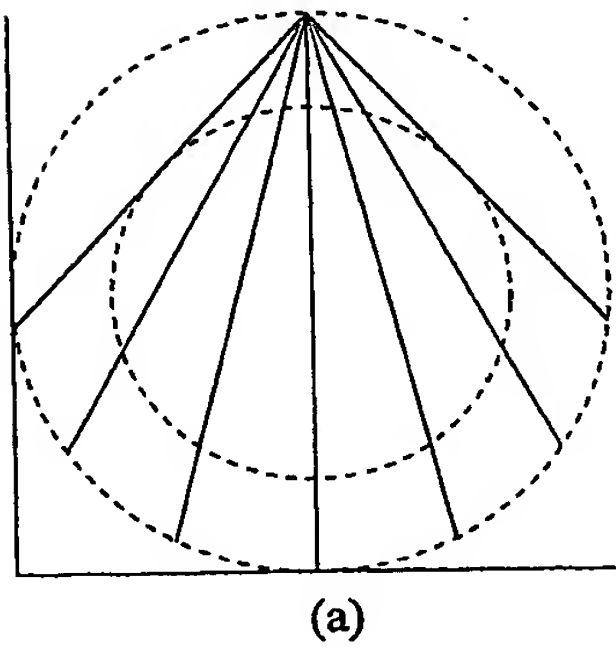


FIG. 20B

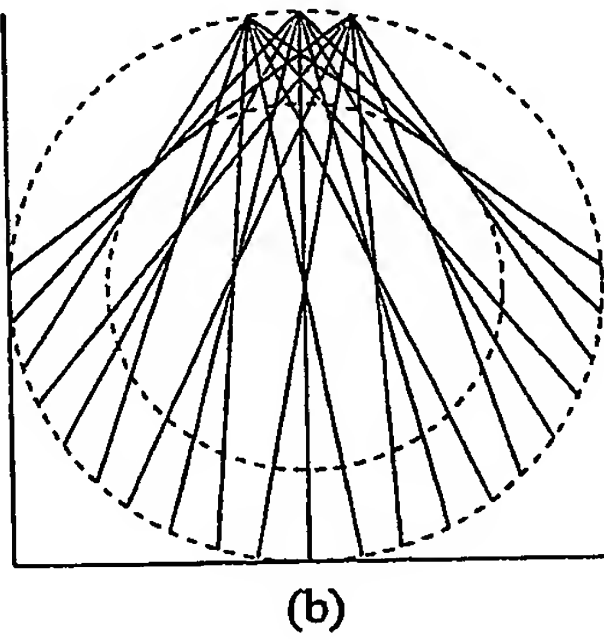


FIG. 20C

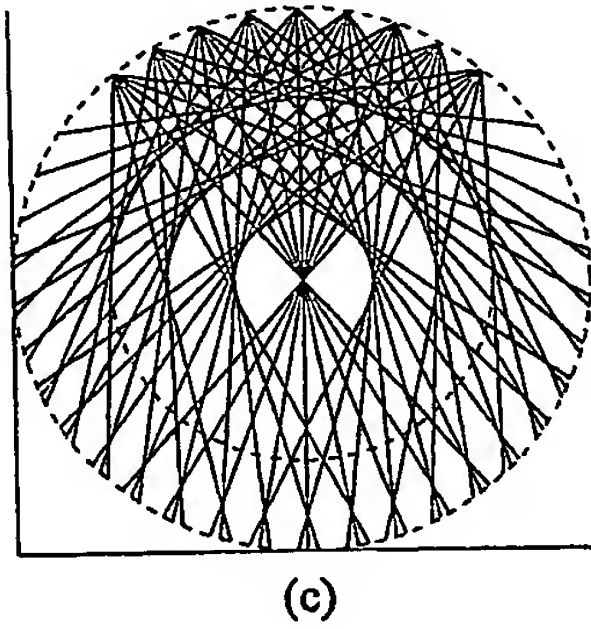


FIG. 21A

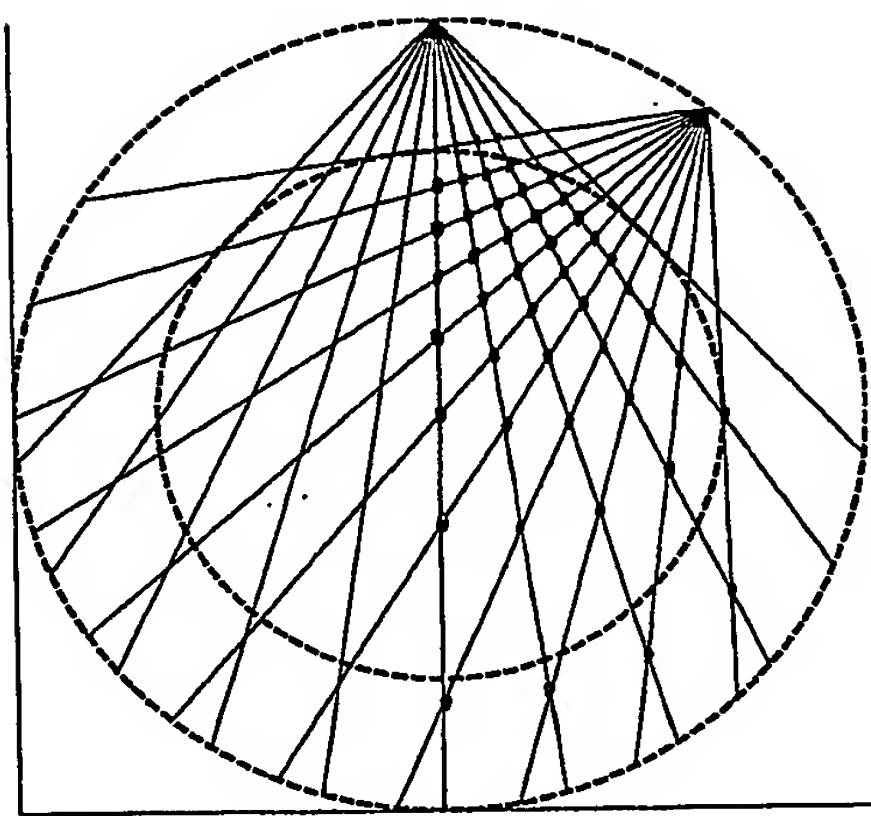


FIG. 21B

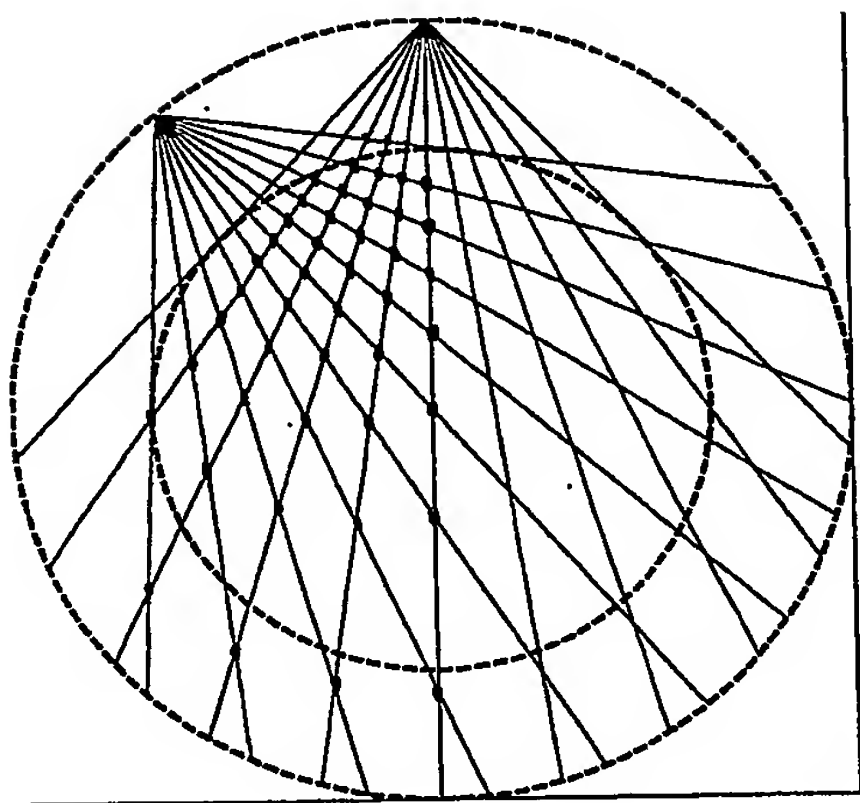
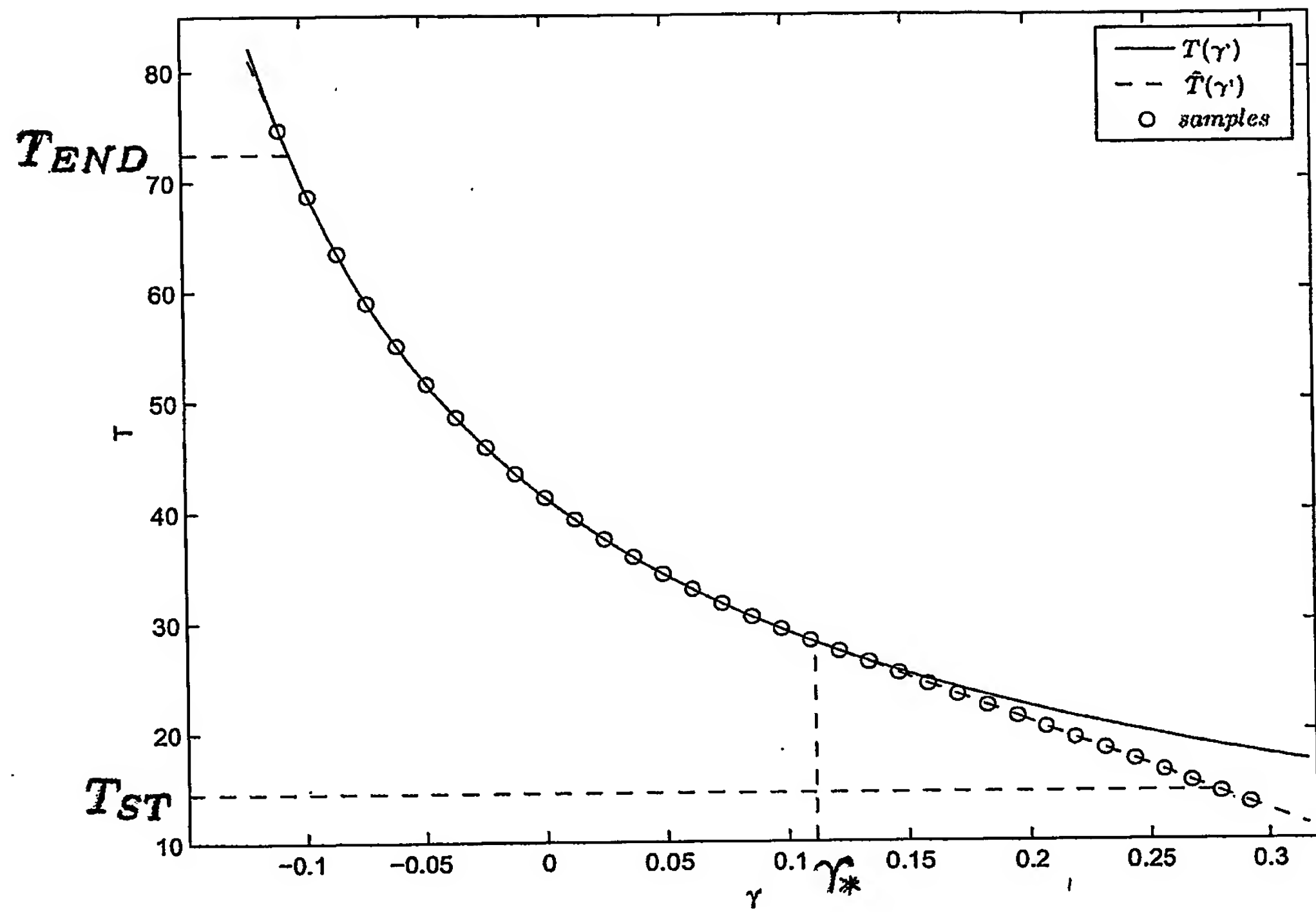


FIG. 22



$$T_{\beta, \beta', \gamma_r}(\gamma') \text{ and } \tilde{T}_{\beta, \beta', \gamma_r}(\gamma')$$

FIG. 23A

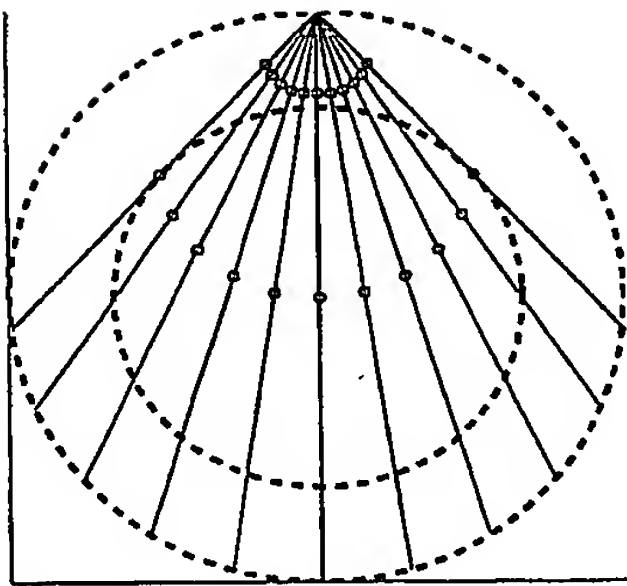


FIG. 23B

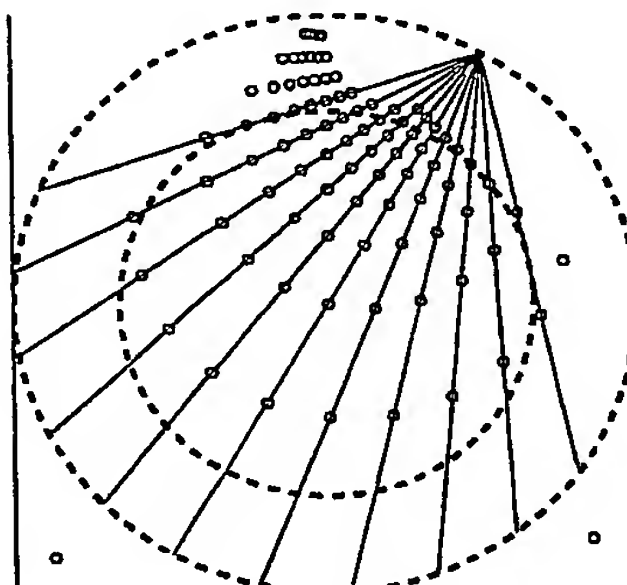
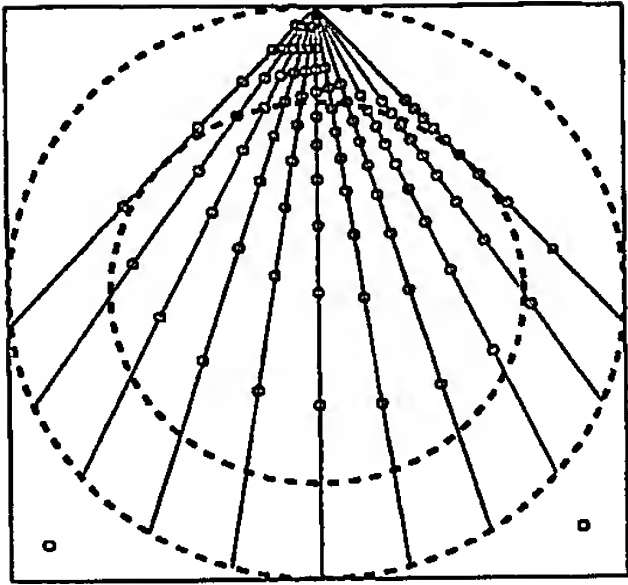


FIG. 23C

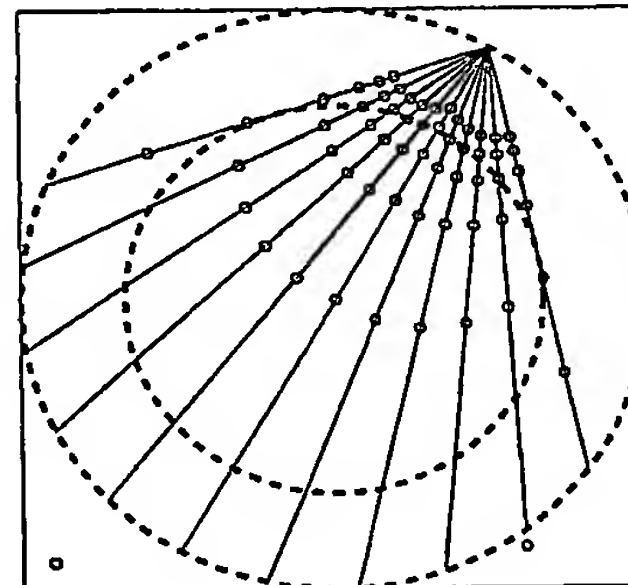


FIG. 23D

FIG. 24

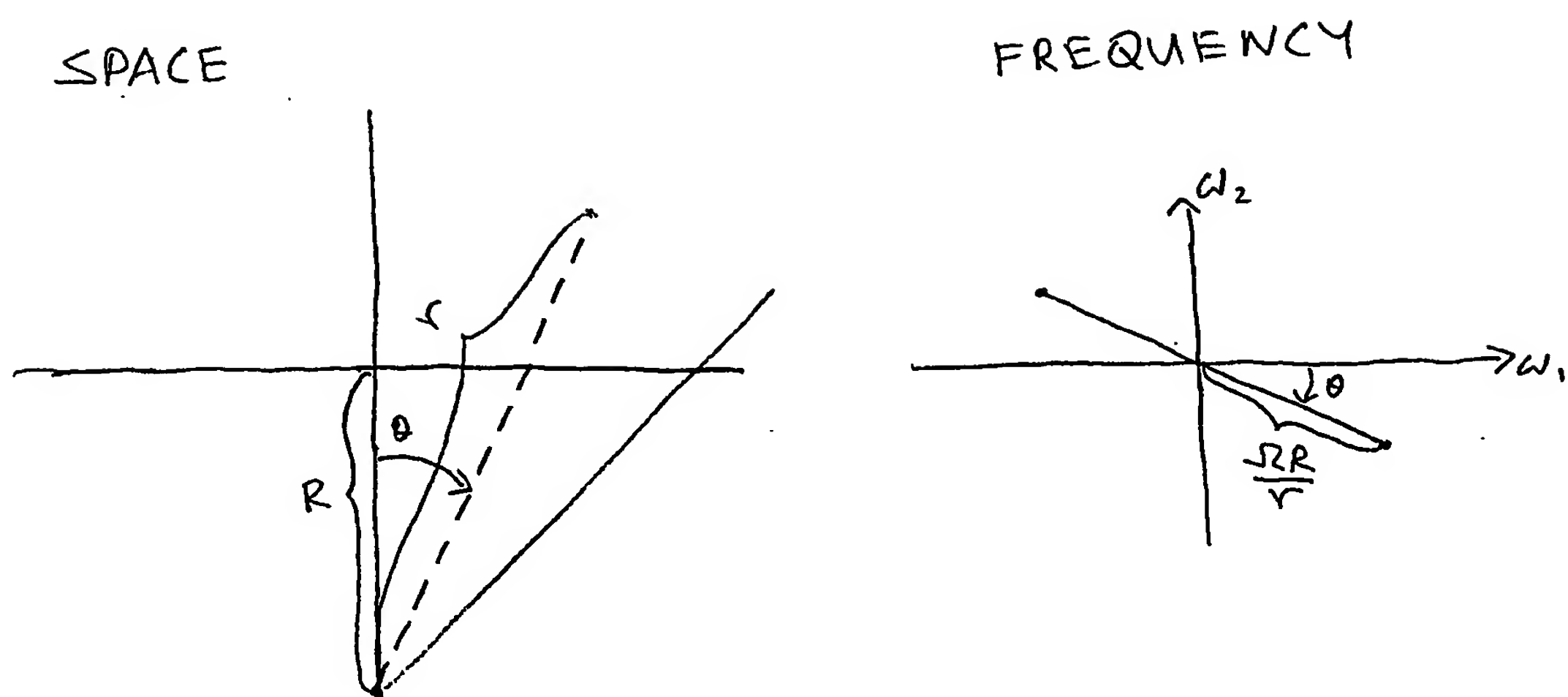


FIG. 25

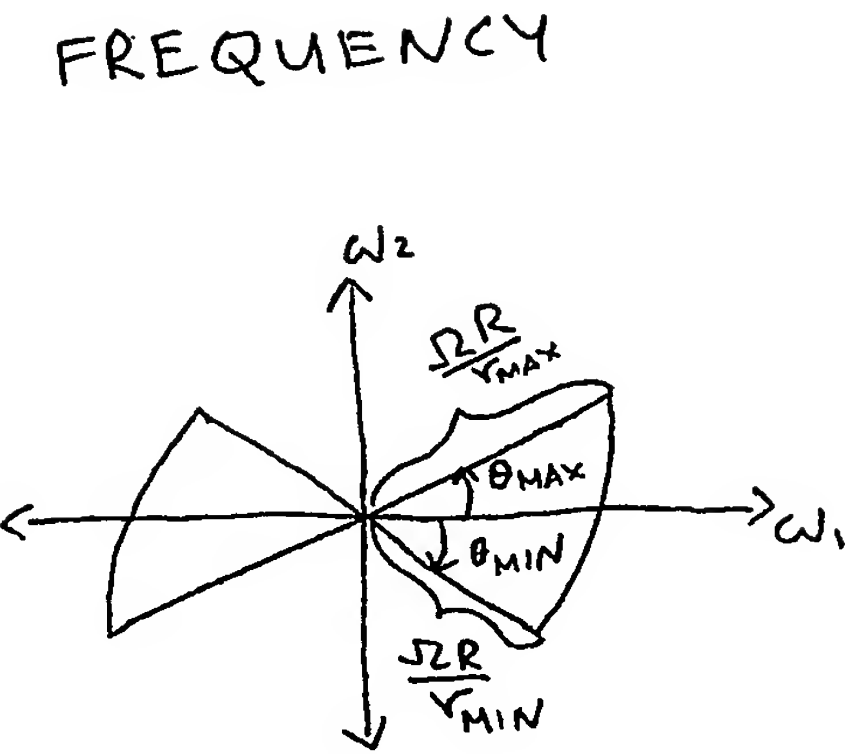
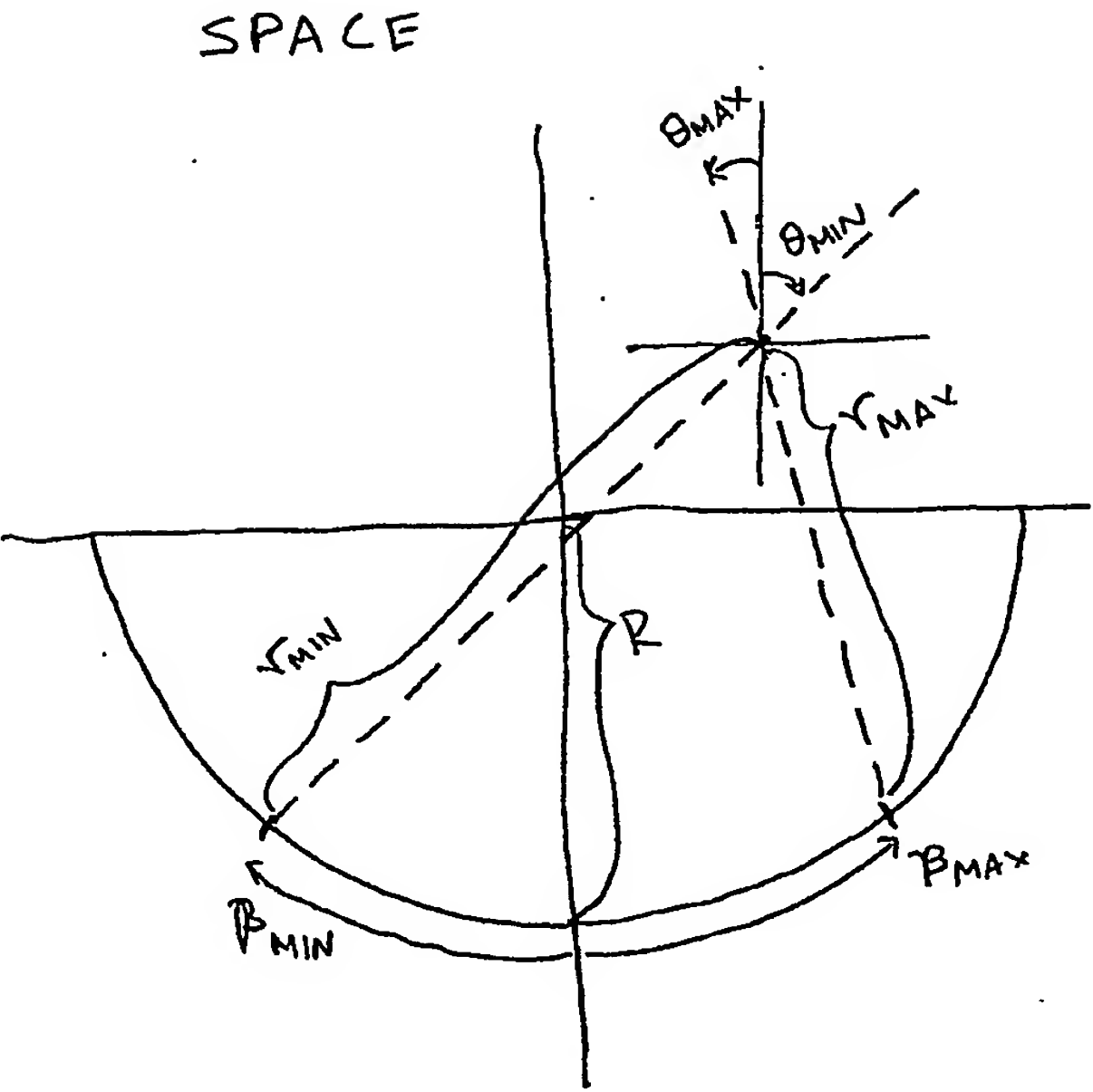


FIG. 26A

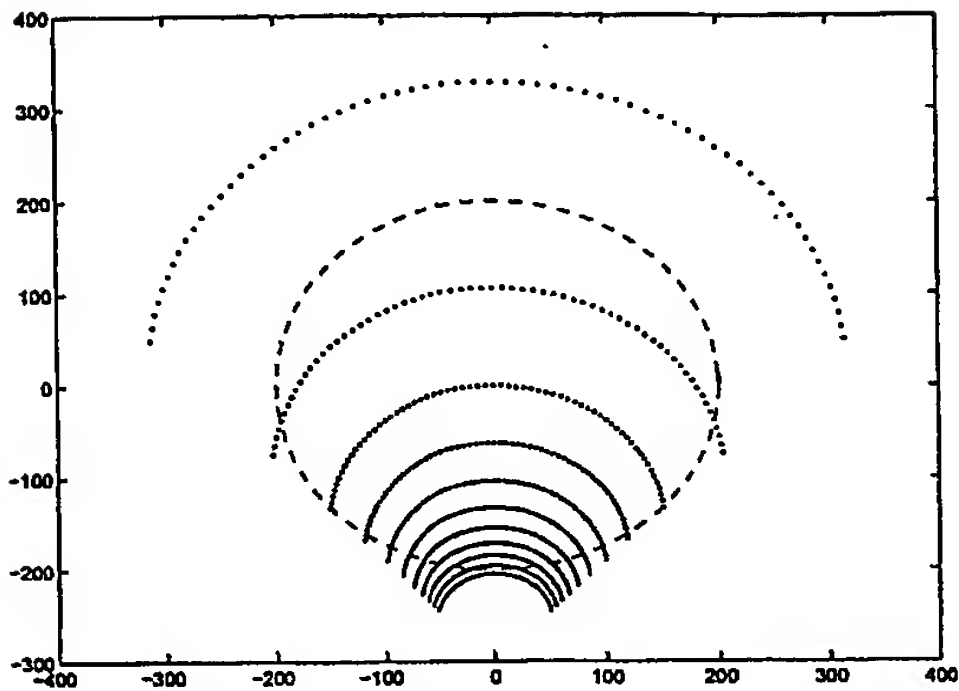


FIG. 26B

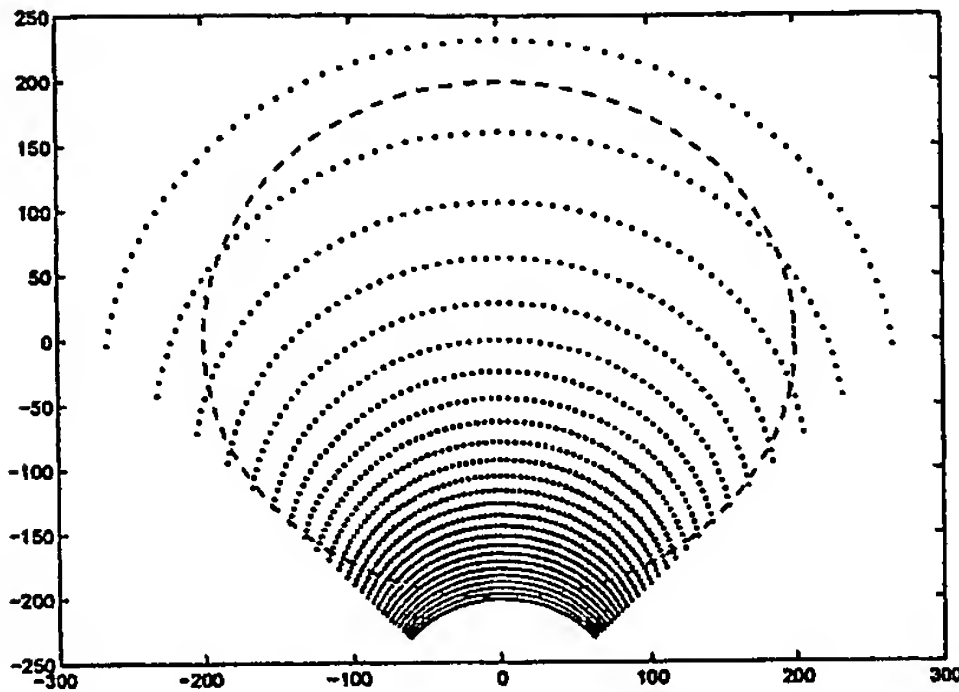


FIG. 27A

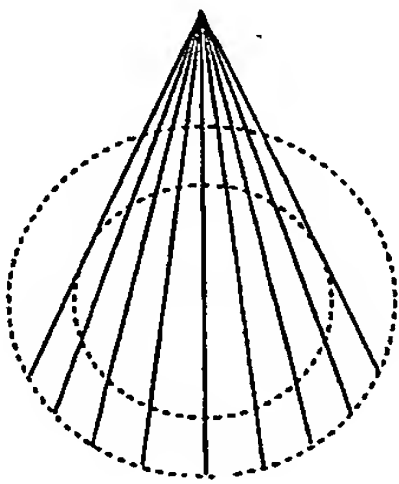
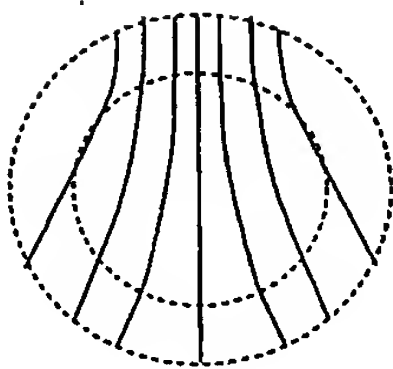


FIG. 27B



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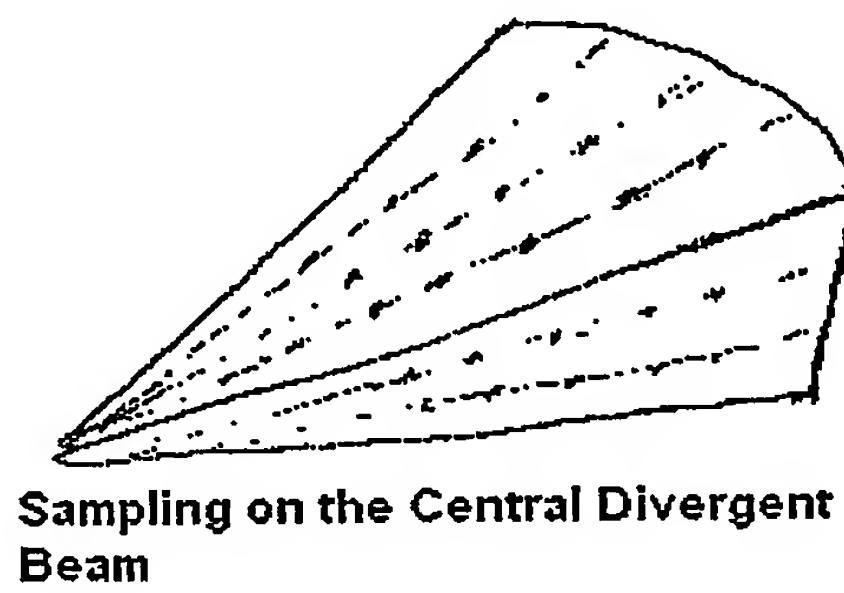
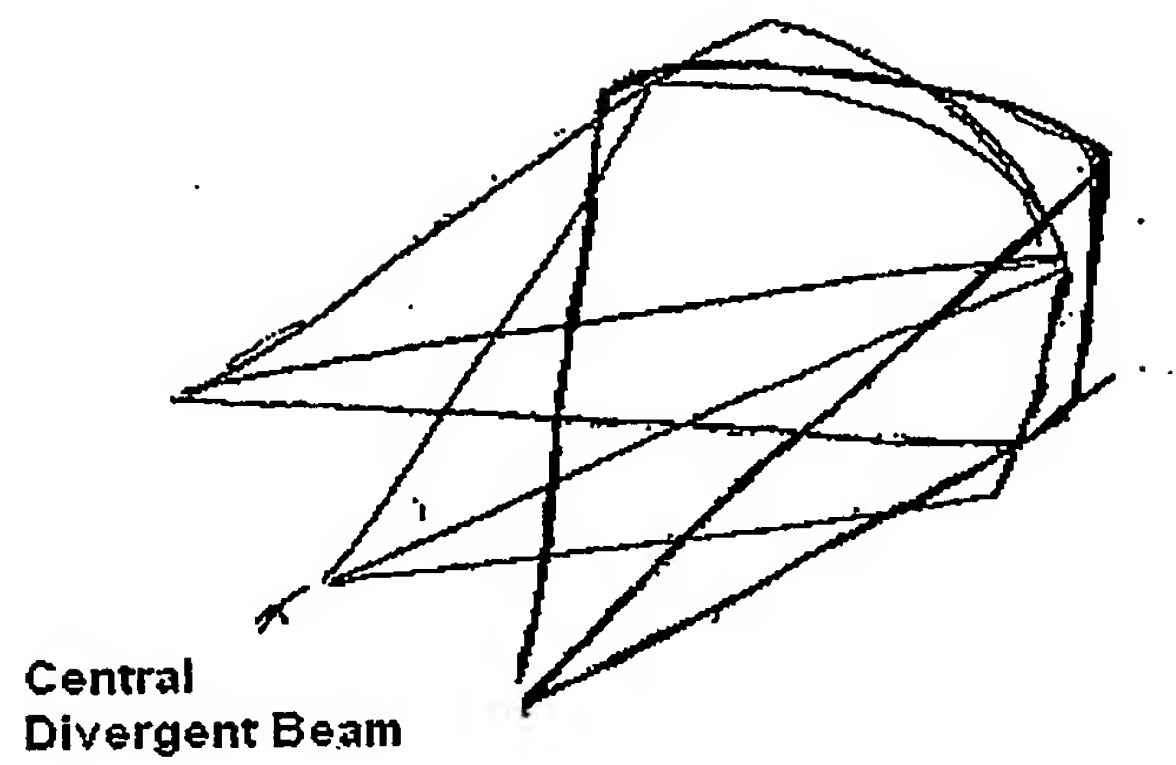


FIG. 28

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FIG. 29A

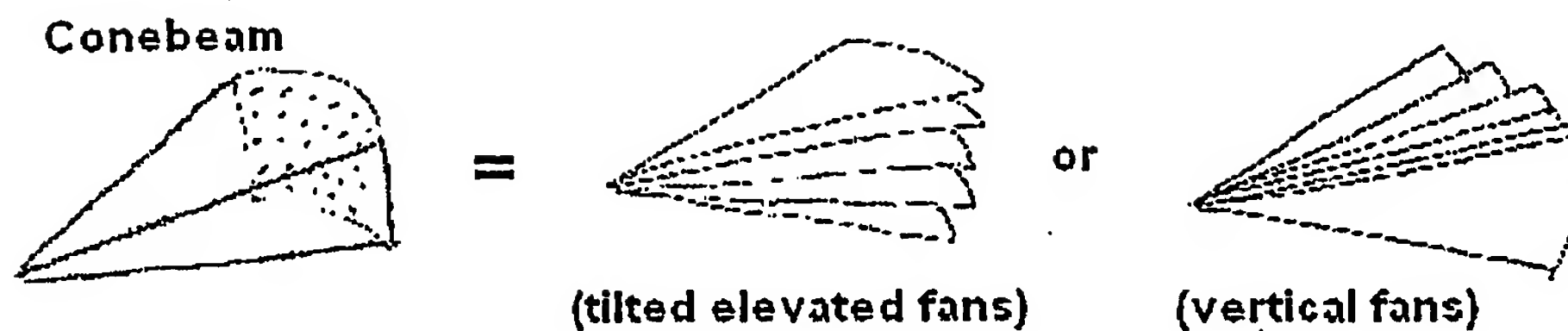
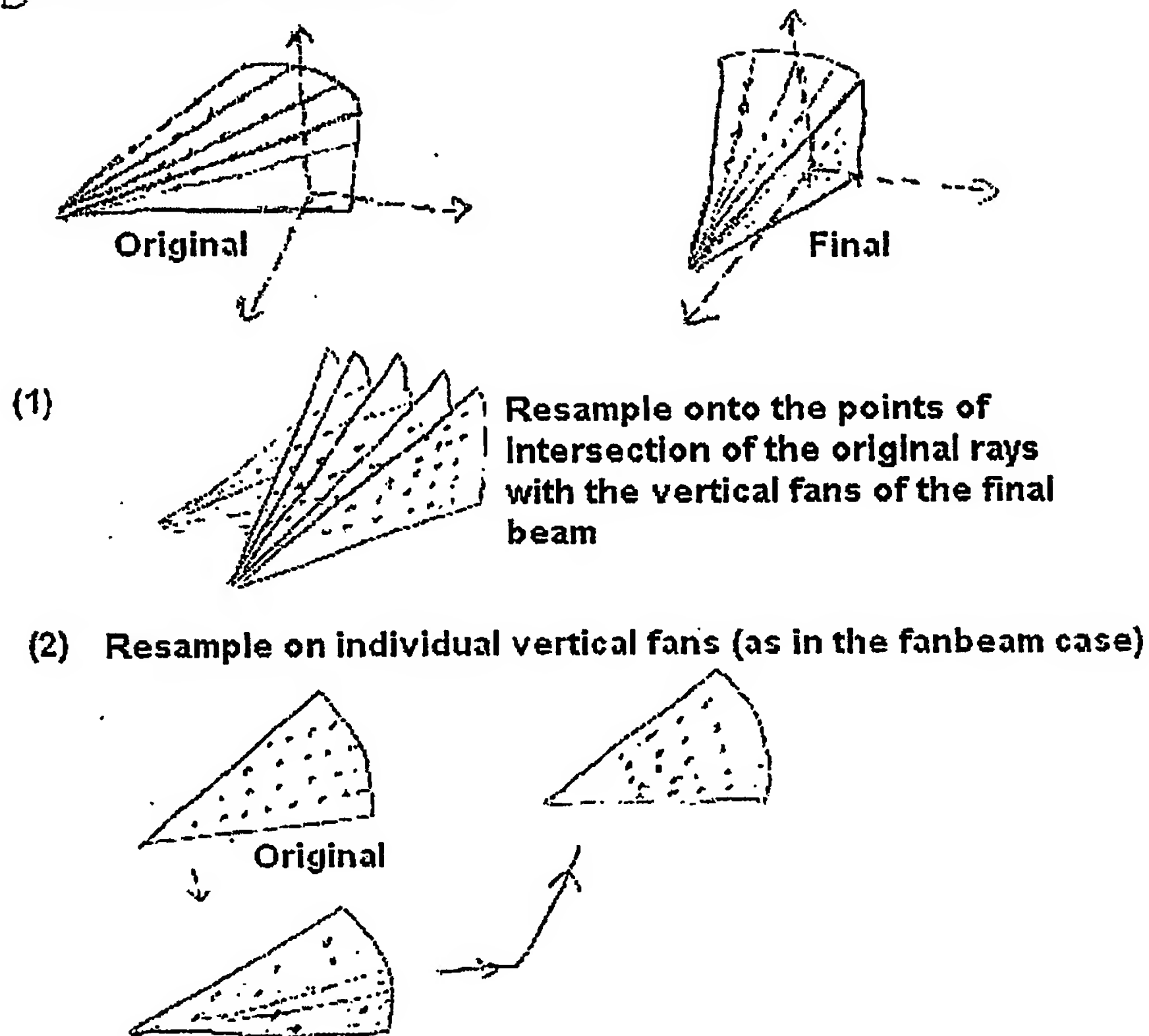
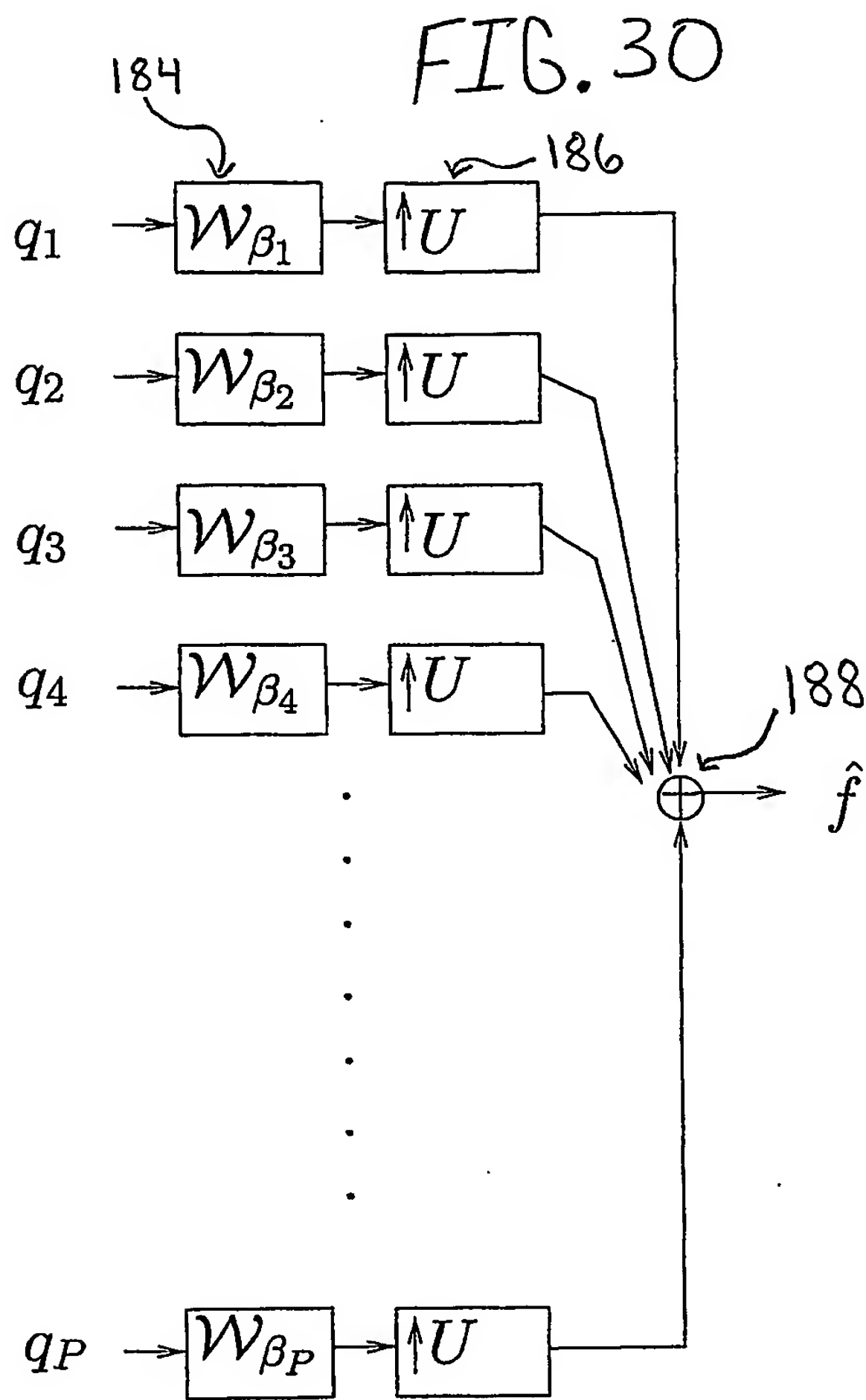


FIG. 29B Separable Resampling:





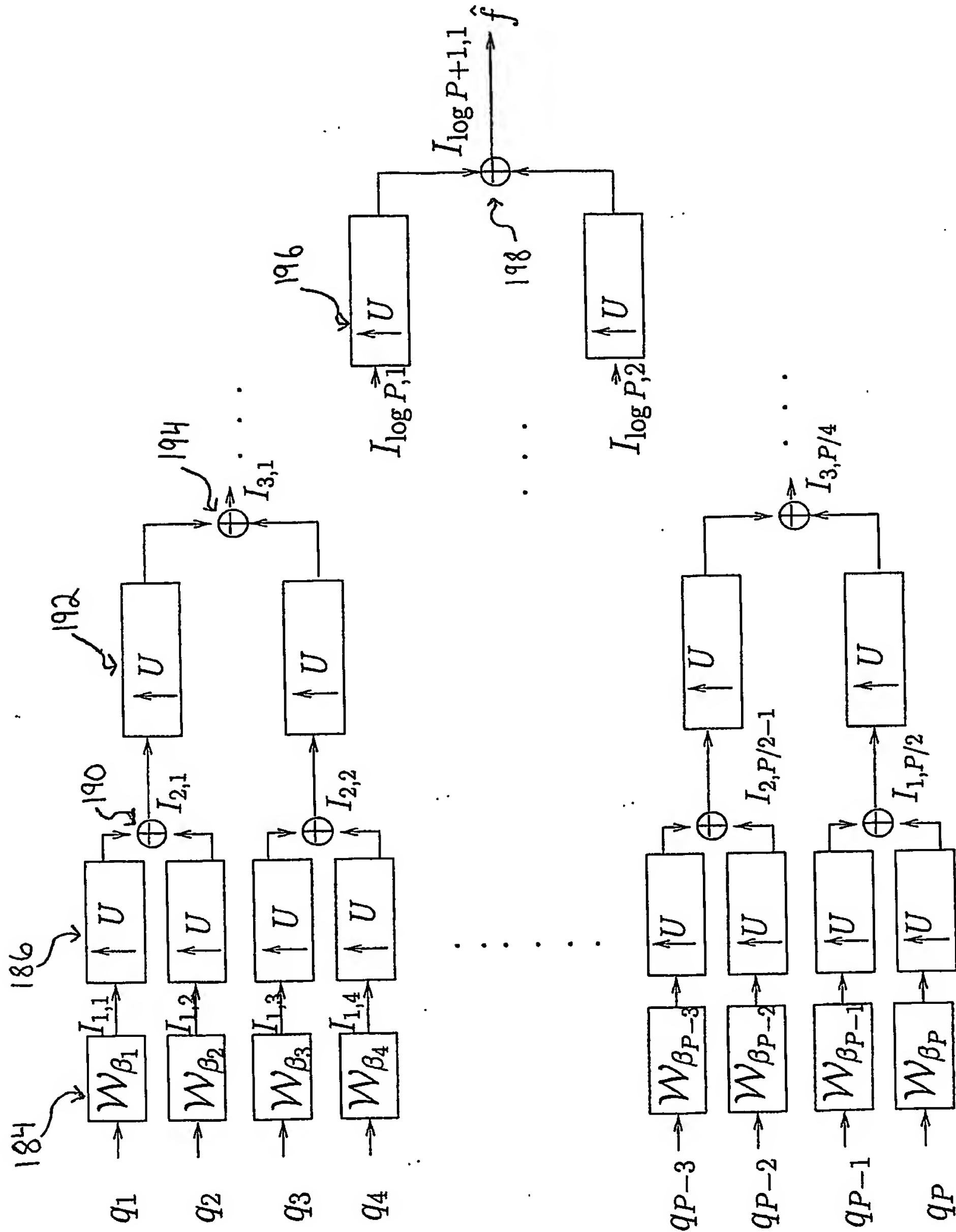


FIG. 31

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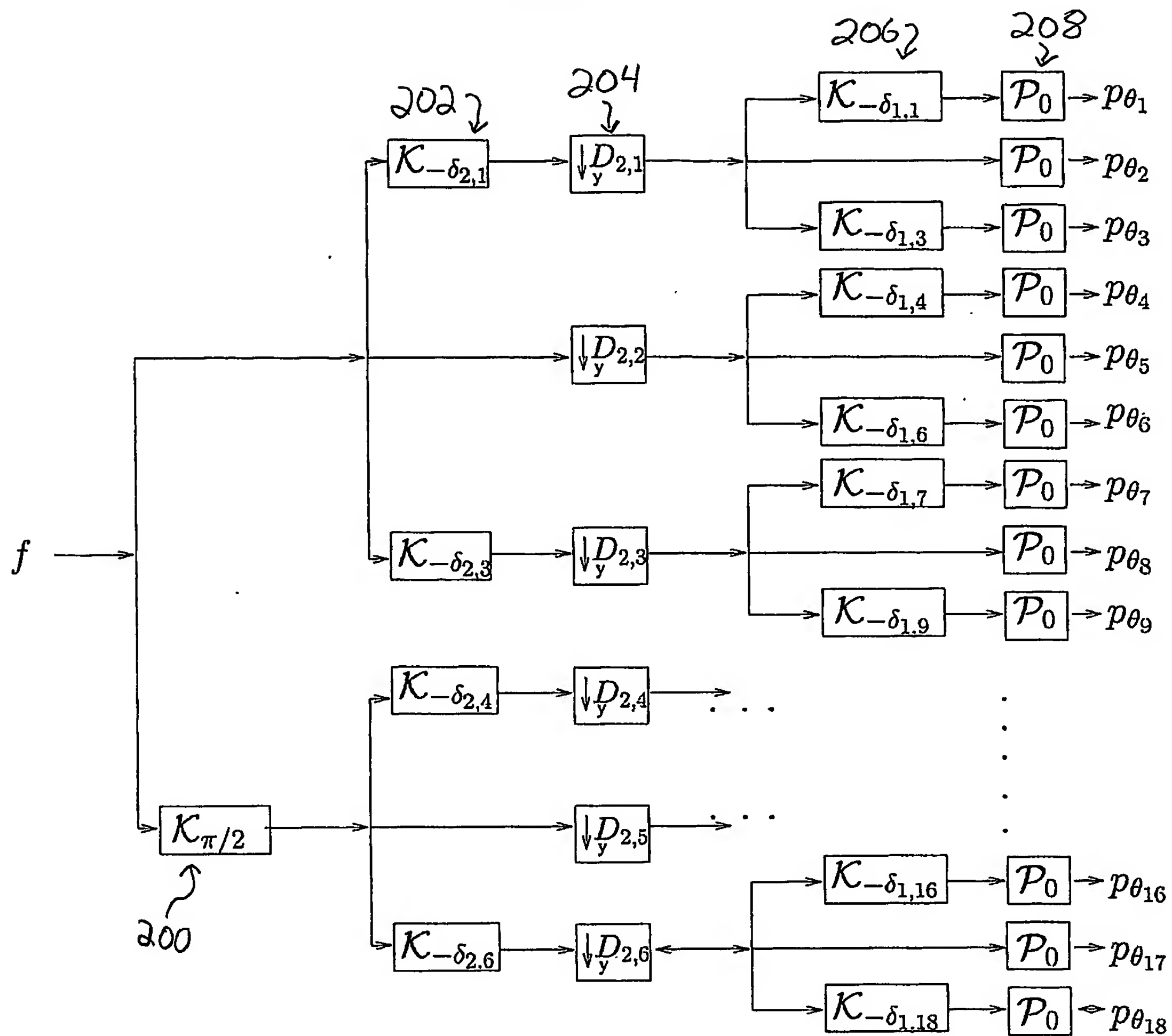


FIG. 32

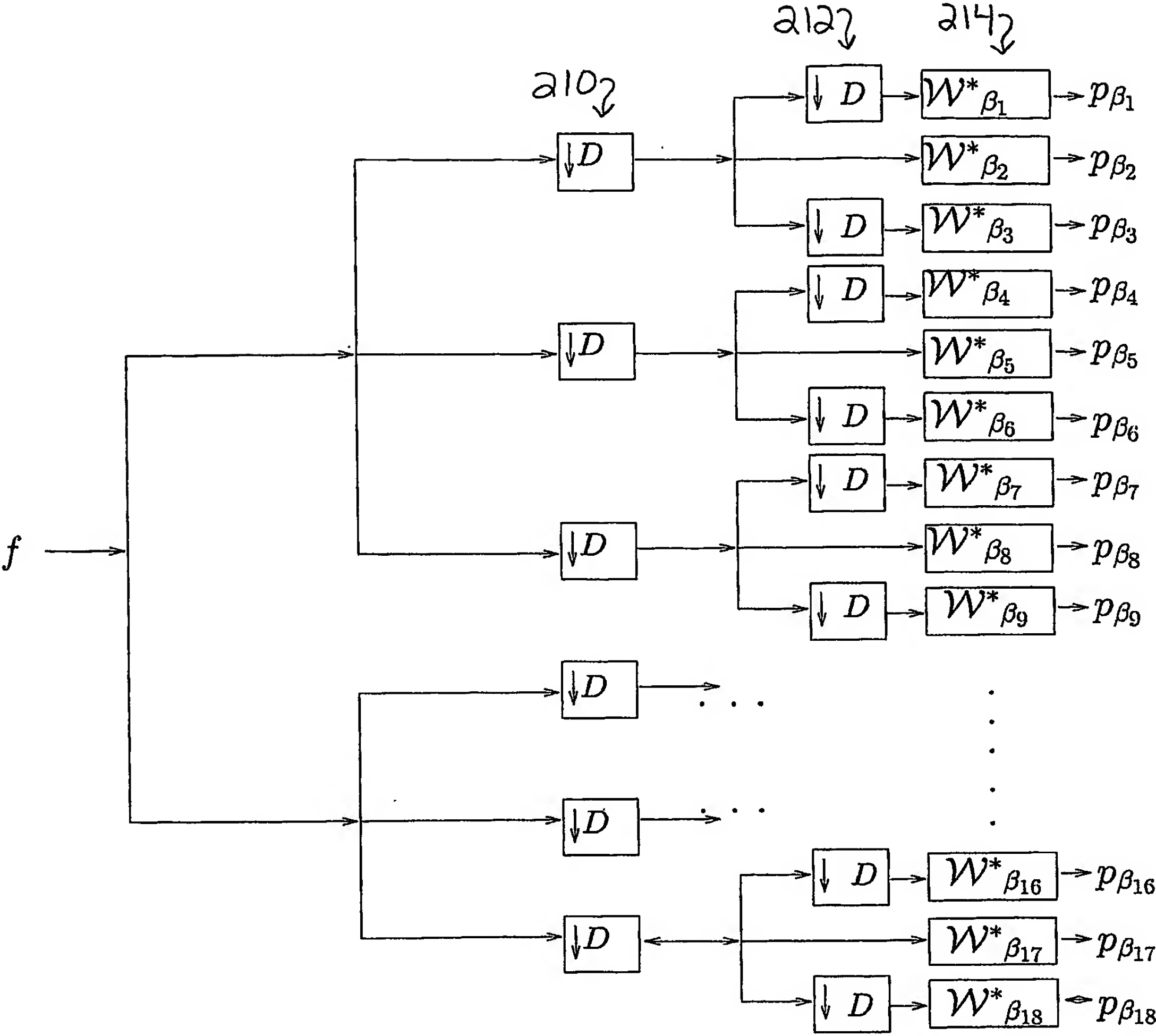
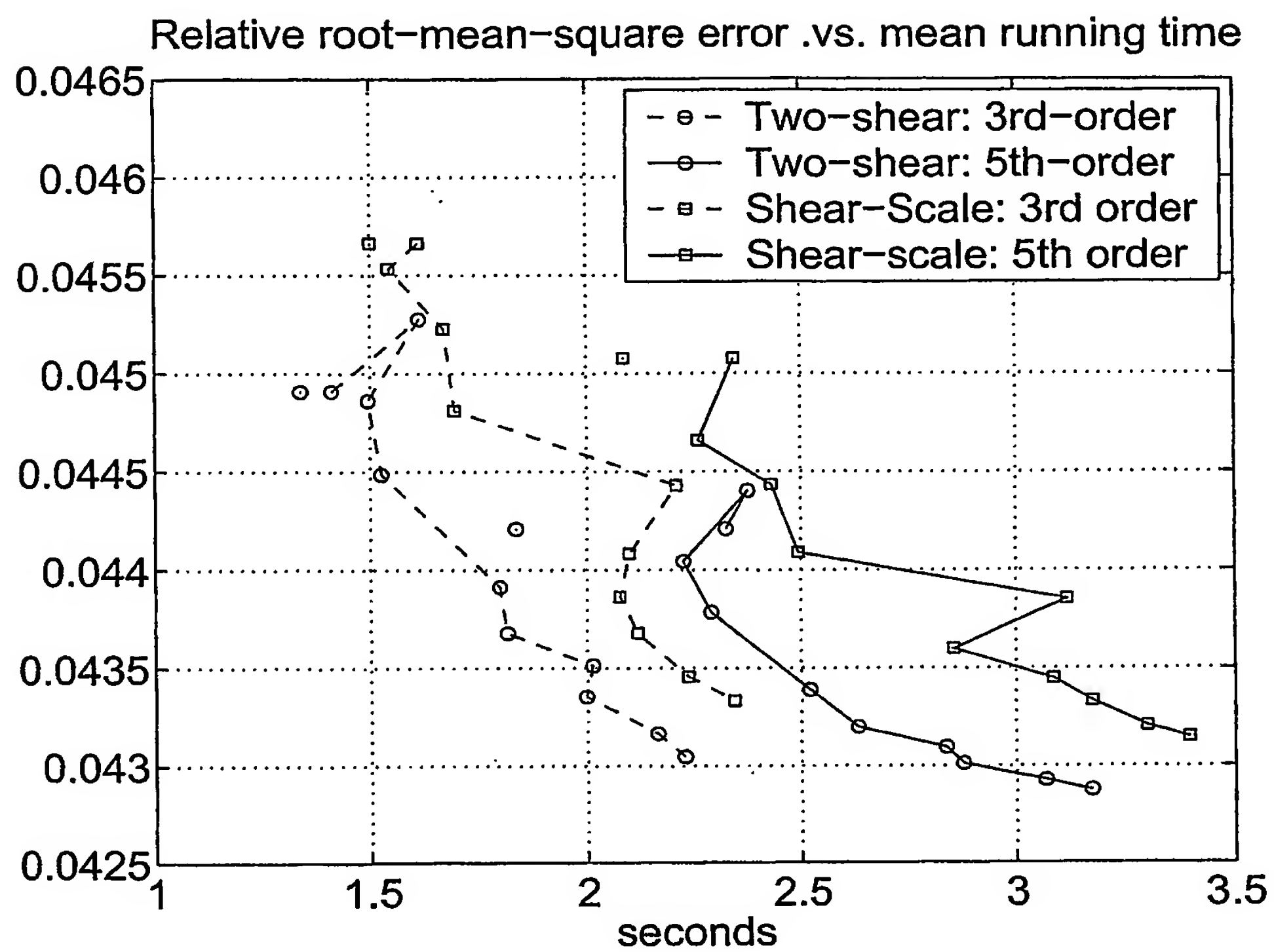


FIG. 33

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FIG. 34



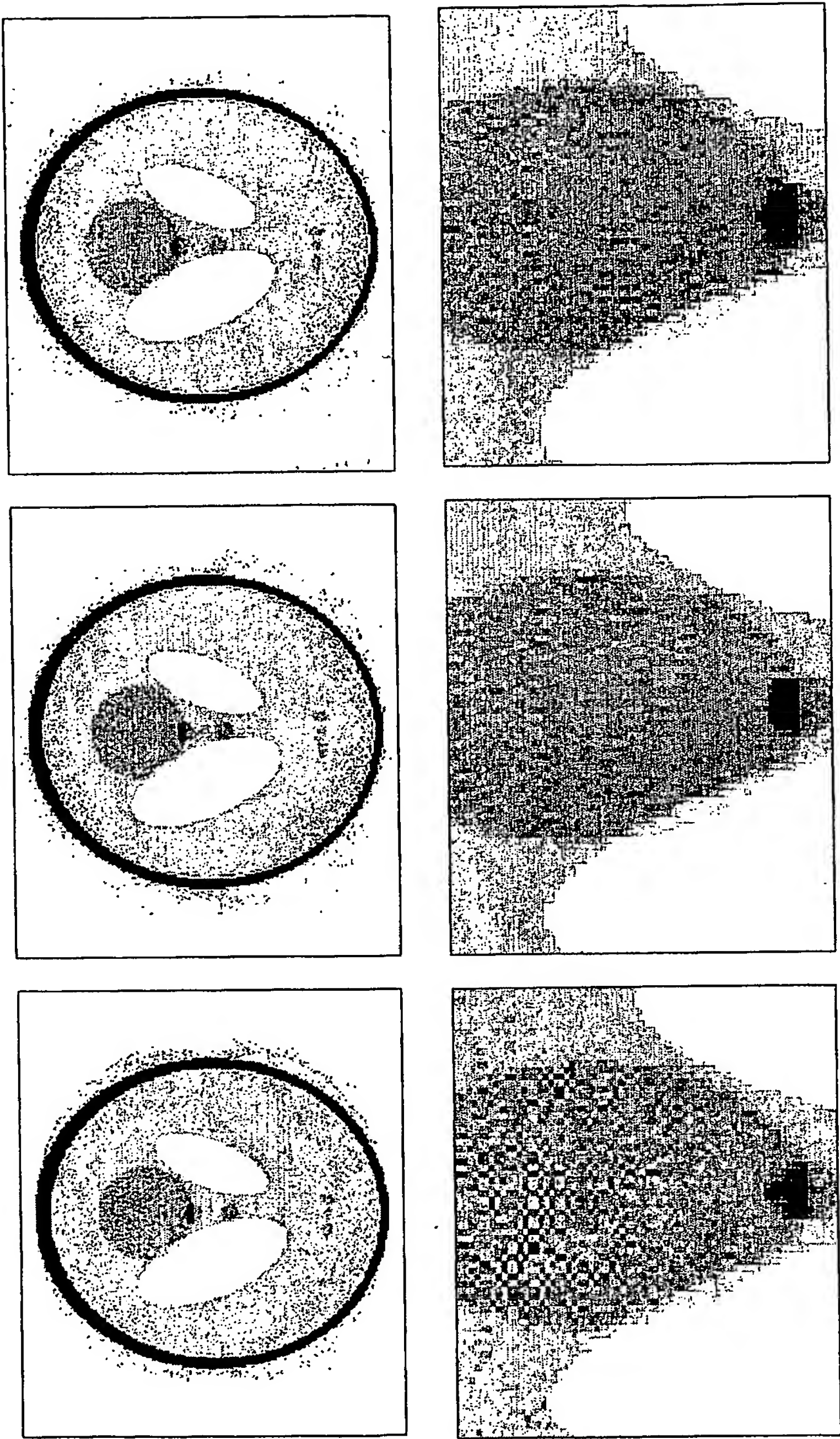


FIG. 35

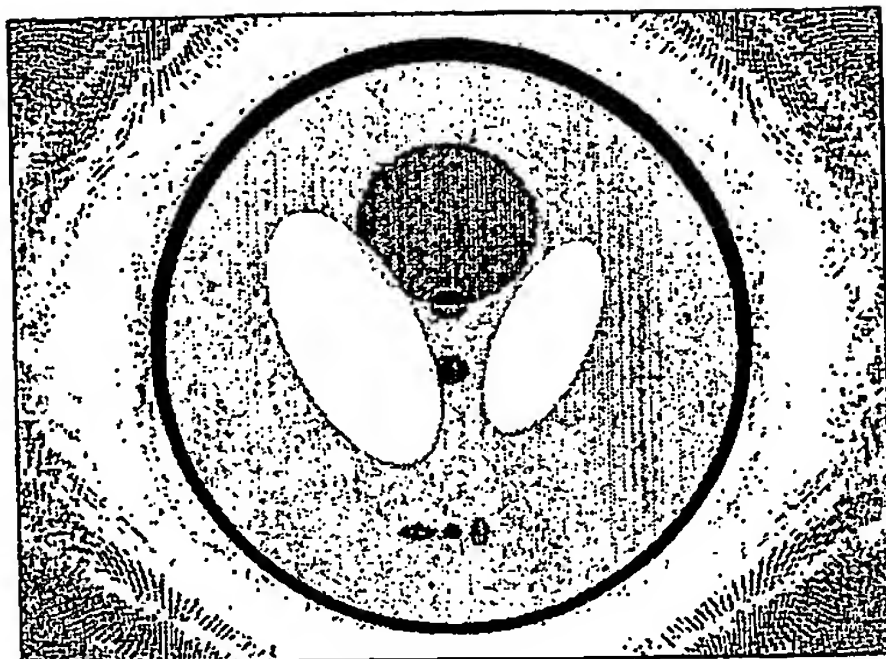


FIG. 36A

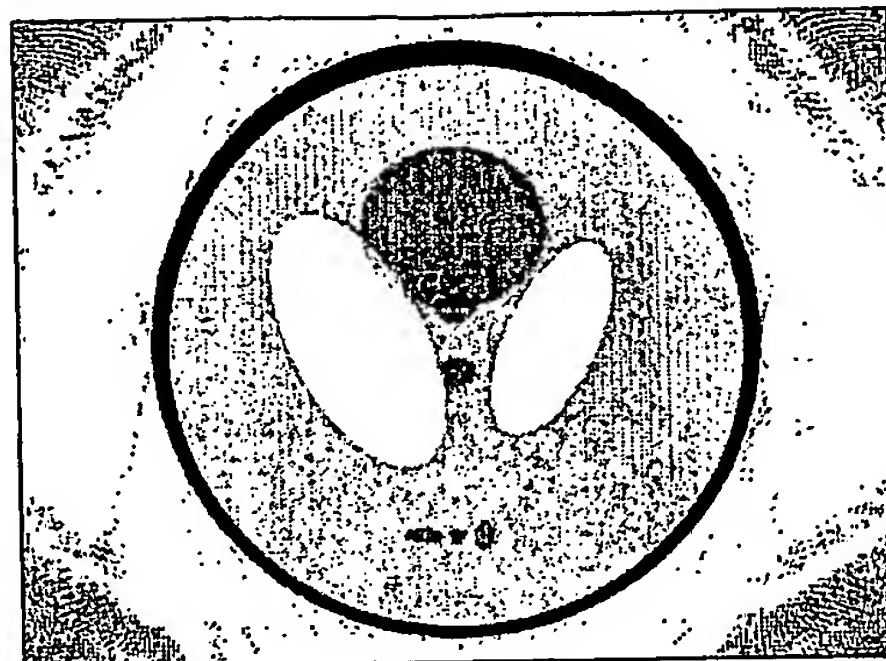
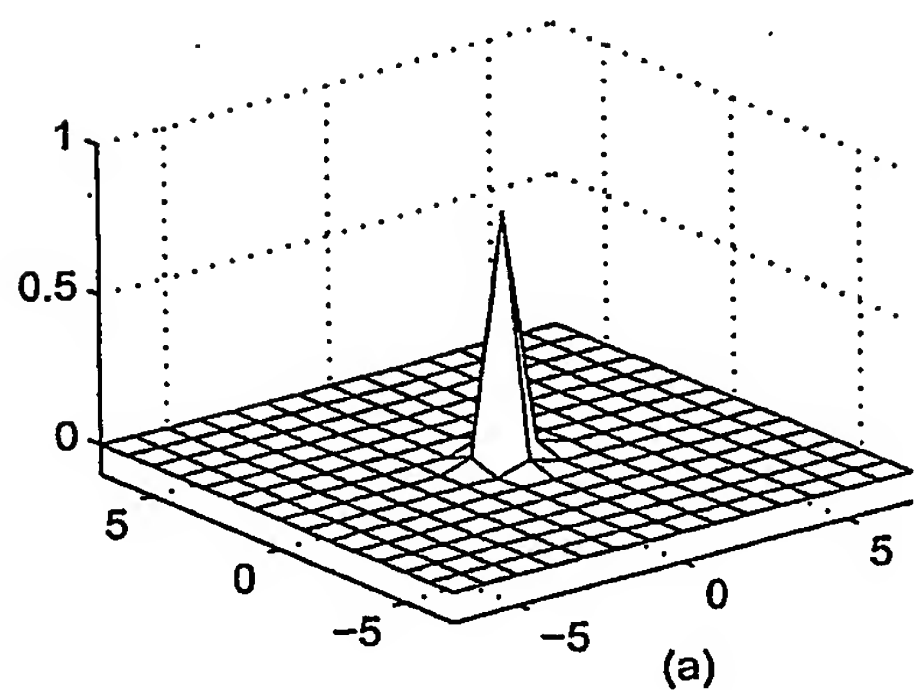


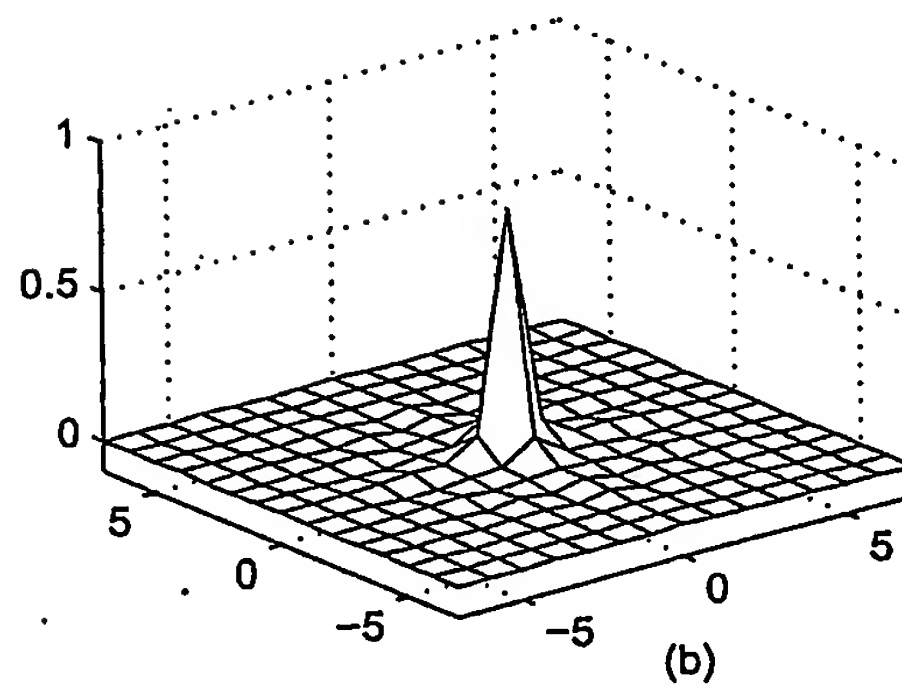
FIG. 36B

FIG. 37A

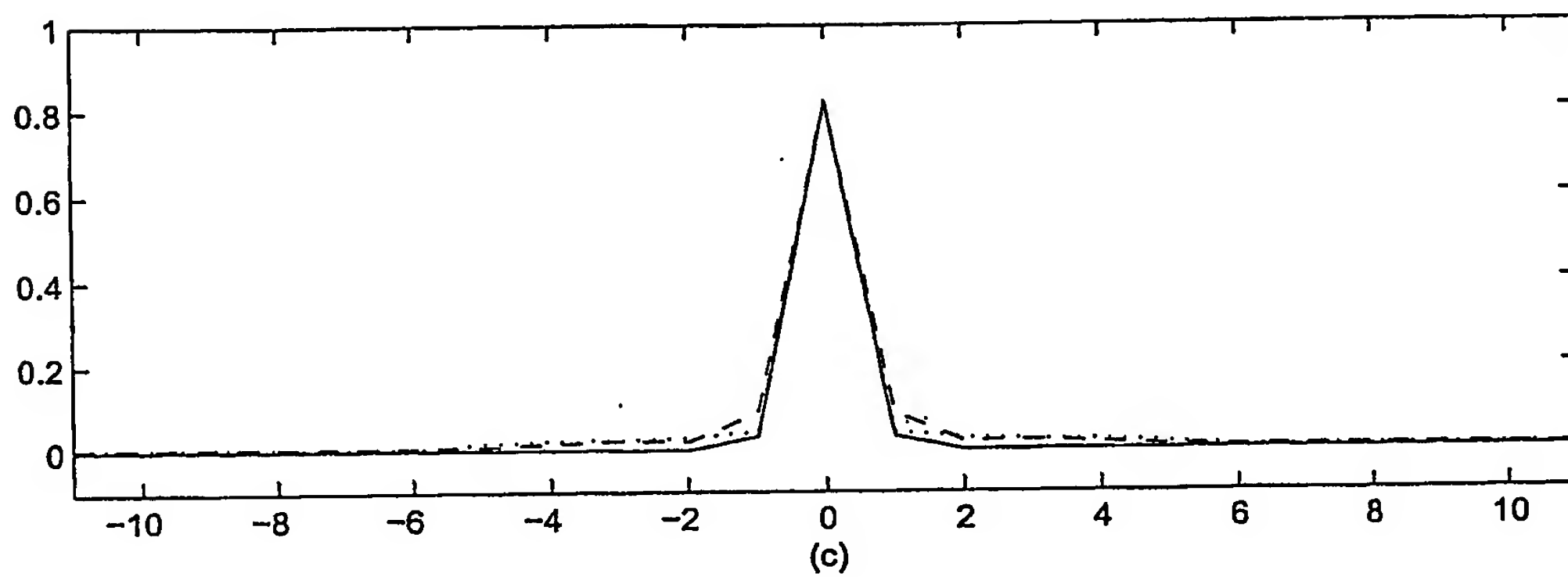


(a)

FIG. 37B



(b)



(c)

FIG. 37C